PB84-127158

# International Directory of Acid Deposition Researchers, North American and European Edition, July 1983

North Carolina State Univ. at Raleigh

Prepared for

Corvallis Environmental Research Lab., OK

Dec 83

U.S. Department of Commerce
National Technical Information Service
NTIS

PB84-127158

EPA-600/3-84-003
December 1983

# INTERNATIONAL DIRECTORY
# OF
# ACID DEPOSITION RESEARCHERS

North American and European Edition
July 1983

compiled by

Steven F. Vozzo
North Carolina State University
Raleigh, North Carolina 27650

CR806912

Project Officer

Raymond G. Wilhour
Air Pollution Effects Branch
Environmental Research Laboratory
Corvallis, Oregon 97333

REPRODUCED BY
NATIONAL TECHNICAL
INFORMATION SERVICE
U.S. DEPARTMENT OF COMMERCE
SPRINGFIELD, VA. 22161

ENVIRONMENTAL RESEARCH LABORATORY
OFFICE OF RESEARCH AND DEVELOPMENT
U.S. ENVIRONMENTAL PROTECTION AGENCY
CORVALLIS, OREGON 97333

## TECHNICAL REPORT DATA
*(Please read Instructions on the reverse before completing)*

1. REPORT NO.
EPA-600/3-84-003

2.

3. RECIPIENT'S ACCESSION NO.
PB84 127158

4. TITLE AND SUBTITLE
International Directory of Acid Deposition Researchers
North American and European Edition, July 1983

5. REPORT DATE
December 1983

6. PERFORMING ORGANIZATION CODE

7. AUTHOR(S)
compiled by Steven F. Vozzo

8. PERFORMING ORGANIZATION REPORT NO.

9. PERFORMING ORGANIZATION NAME AND ADDRESS
National Acid Precipitation Assessment Program
North Carolina State University
Raleigh, North Carolina

10. PROGRAM ELEMENT NO.

11. CONTRACT/GRANT NO.
Cooperative Agreement
CR806912

12. SPONSORING AGENCY NAME AND ADDRESS
Environmental Research Laboratory
Office of Research and Development
U.S. Environmental Protection Agency
Corvallis, Oregon 97330

13. TYPE OF REPORT AND PERIOD COVERED
Directory (extramural)

14. SPONSORING AGENCY CODE
EPA/600/02

15. SUPPLEMENTARY NOTES
Raymond G. Wilhour, project officer FTS 420-4634

16. ABSTRACT

This directory provides a listing of scientists currently involved in some aspect of acid precipitation research, in North America and Europe. There are more than 1300 entries. Work was conducted as part of the National Acid Precipitation Assessment Program at North Carolina State University.

17. KEY WORDS AND DOCUMENT ANALYSIS

| a. DESCRIPTORS | b. IDENTIFIERS/OPEN ENDED TERMS | c. COSATI Field/Group |
|---|---|---|
| | | |

18. DISTRIBUTION STATEMENT
Release to public

19. SECURITY CLASS *(This Report)*
unclassified

20. SECURITY CLASS *(This page)*
unclassified

21. NO. OF PAGES
158

22. PRICE

EPA Form 2220-1 (9-73)

The information in this document has been funded wholly or in part by the United States Environmental Protection Agency under Cooperative Agreement No. CR806912, and has been approved for publication.

# FOREWORD

The purpose of this Directory is to facilitate exchange of information between scientists interested in the acidic deposition phenomenon and its effects. At times, all of us have attempted to locate persons in other states or countries who share similar scientific interests. Often it is difficult to find the time, or the appropriate person, to begin the search for a scientific counterpart. It is our intention that this Directory will serve as a starting point for your search and as encouragement for interactions between colleagues as the need, or curiosity, may arise.

Our efforts to prepare this Directory began in 1980 in cooperation with Dr. Orie Loucks of the Institute of Ecology, who took the lead in the initial effort. The Interim Edition of the International Directory of Acid Precipitation Researchers was available in 1981 and included only entries from the United States and Canada. This version expands the number of entries and extends beyond North America. Unfortunately, time did not permit a search for interested parties in all countries of the world.

The Directory was assembled by a 'chain-letter' approach. The first interim report, conference attendance lists, and various research project listings served as the initial mailing. Each individual who received an entry form was encouraged to forward a copy to any colleague who might be interested. As a result of the limitations in the process itself, we have certainly missed some very important and interested researchers. We regret any of these inadvertent omissions.

Since scientists are mobile people, we cannot be certain each individual listed is still at the address or phone number listed. Please let us know of any changes, errors, or omissions so that the Directory can be updated in the future. This Directory is as accurate as we could make it from the responses received as of September 1982.

Ellis B. Cowling, Director
Rick A. Linthurst, Coordinator

North Carolina State University
Acid Deposition Program

# ABSTRACT

This directory provides a listing of scientists involved in some aspect of acid precipitation research, in North American and Europe. There are more than 1300 entries. Work was conducted as part of the National Acid Precipitation Assessment Program, funded by the U.S. Environmental Protection Agency through Cooperative Agreement #CR806912 with North Carolina State University. Compilation of the initial directory began in 1980 and this expanded version was completed in August 1983.

## ACKNOWLEDGEMENTS

Special thanks for supporting this effort go to the U.S. Environmental Protection Agency and the research staff at the Corvallis, Oregon, laboratory. The following individuals who served as active European coordinators in their countries deserve recognition and to Dr. Orie Loucks and his staff at the Institute of Ecology.

J. H. D. Vangenechten, Belgium
Bedrich Moldan, Czechoslovakia
Bernhard Ulrich, Fed. Rep. of Germany
Kaarle Kenttamies, Finland
Robert J. Delmas, France
E. Mesaros, Hungary
Luigi Ciattaglia, Italy
Rosario Mosello, Italy
Gillis Suurmond, Netherlands
Arne Tollan, Norway
Stanislaw Kasina, Poland
Folke Andersson, Sweden
Gwyneth Howells, United Kingdom

Additional assistance was provided by Carol Ross and Amy Simpson, of the North Carolina State University Computing Center, in developing the computer program used to generate this Directory.

The technical assistance received from Connie Harp throughout this project is gratefully appreciated. We also acknowledge the contributions of Marcy Reynolds, Jody Castleberry, and Jeanie Hartman for assisting with the data entry.

# ORGANIZATION OF DIRECTORY

Each individual was asked, and gave permission, to reproduce his/her name, address, telephone number, and disciplinary competencies relating to their acidic deposition interests. Each of these persons was assigned a sequence number, found to the left of the column (and name) in the Directory itself. The various indices reference an individual by this sequence number. Within each index, the sequence number is preceded by the country, province, or state location code.

This two-part code system is to enable a user to choose a disciplinary subject and determine not only the individuals involved, but specific geographic locations as well. Each page has the following references: country, province, or state in the upper outside corner; researcher sequence numbers for the page in the lower outside corner; and a page number centered at the bottom. A list of the country, province, and state abbreviations used in this Directory appears in the Table of Contents on the following page.

# TABLE OF CONTENTS

## CANADA

| LOCATION | ABBREVIATION | PAGE |
|---|---|---|
| ALBERTA | ALB | 1 |
| BRITISH COLUMBIA | B.C | 2 |
| MANITOBA | MAN | 3 |
| NEW BRUNSWICK | N.B | 4 |
| NEWFOUNDLAND | NFL | 5 |
| NOVA SCOTIA | N.S | 6 |
| ONTARIO | ONT | 7 |
| QUEBEC | QUE | 16 |
| SASKATCHEWAN | SAS | 18 |

## UNITED STATES

| LOCATION | ABBREVIATION | PAGE |
|---|---|---|
| ALABAMA | AL | 21 |
| ALASKA | AK | 22 |
| ARIZONA | AZ | 22 |
| ARKANSAS | AR | 23 |
| CALIFORNIA | CA | 23 |
| COLORADO | CO | 32 |
| CONNECTICUT | CT | 34 |
| DELAWARE | DE | 34 |
| DISTRICT OF COLUMBIA | DC | 35 |
| FLORIDA | FL | 38 |
| GEORGIA | GA | 40 |
| IDAHO | ID | 41 |
| ILLINOIS | IL | 41 |
| INDIANA | IN | 45 |
| IOWA | IA | 46 |
| KANSAS | KS | 46 |
| KENTUCKY | KY | 46 |
| LOUISIANA | LA | 46 |
| MAINE | ME | 47 |
| MARYLAND | MD | 48 |
| MASSACHUSETTS | MA | 50 |
| MICHIGAN | MI | 52 |
| MINNESOTA | MN | 54 |
| MISSISSIPPI | MS | 56 |
| MISSOURI | MO | 57 |
| MONTANA | MT | 57 |
| NEBRASKA | NB | 57 |
| NEVADA | NV | 58 |
| NEW HAMPSHIRE | NH | 58 |
| NEW JERSEY | NJ | 59 |
| NEW MEXICO | NM | 60 |
| NEW YORK | NY | 61 |
| NORTH CAROLINA | NC | 72 |
| NORTH DAKOTA | ND | 77 |
| OHIO | OH | 78 |
| OKLAHOMA | OK | 81 |
| OREGON | OR | 81 |
| PENNSYLVANIA | PA | 83 |
| RHODE ISLAND | RI | 85 |
| SOUTH CAROLINA | SC | 86 |
| SOUTH DAKOTA | SD | 86 |
| TENNESSEE | TN | 87 |
| TEXAS | TX | 90 |
| UTAH | UT | 91 |
| VERMONT | VT | 91 |
| VIRGINIA | VA | 92 |
| WASHINGTON | WA | 95 |
| WEST VIRGINIA | WV | 97 |
| WISCONSIN | WI | 98 |
| WYOMING | WY | 100 |

| LOCATION | ABBREVIATION | PAGE |
|---|---|---|
| MEXICO | MEX | 101 |

## EUROPE

| LOCATION | ABBREVIATION | PAGE |
|---|---|---|
| BELGIUM | BEL | 103 |
| CZECHOSLOVAKIA | CZE | 103 |
| FED. REP. OF GERMANY | FRG | 103 |
| FINLAND | FIN | 104 |
| FRANCE | FRN | 105 |
| HUNGARY | HUN | 106 |
| ITALY | ITL | 106 |
| NETHERLANDS | NET | 108 |
| NORWAY | NOR | 109 |
| POLAND | POL | 112 |
| SWEDEN | SWE | 114 |
| SWITZERLAND | SWZ | 117 |
| UNITED KINGDOM | UK | 118 |

## APPENDICES

| LOCATION | ABBREVIATION | PAGE |
|---|---|---|
| SUBJECT | | 122 |
| ALPHABETICAL | | 129 |

# CANADA

## ALBERTA

1 ANGLE, R. P. (RANDY) 403/427-5893
SECTION HEAD, SCIENTIFIC APPLICATIONS
AIR QUALITY CONTROL BRANCH
ALBERTA DEPARTMENT OF THE ENVIRONMENT
9820-106 STREET
EDMONTON, ALBERTA, CANADA T5K 2J6

DISCIPLINARY COMPETENCIES
AIR POLLUTION METEOROLOGY
BOUNDARY LAYER PHYSICS
DISPERSION MODELLING
RISK ANALYSIS

2 EDWARDS, A. CAM 403/420-2607
HEAD, AIR POLLUTION CONTROL SECTION
DEPARTMENT OF ENVIRONMENT
ENVIRONMENTAL PROTECTION SERVICE
804, 9942-108 STREET
EDMONTON, ALBERTA, CANADA T5K 2J5

DISCIPLINARY COMPETENCIES
CONTROL TECHNOLOGICS
EMISSIONS
MONITORING/FIELD MEASUREMENTS
POLICY AND REGULATORY OPTIONS

3 FEDKENHEUER, A. W. 403/290-7355
SUPERVISOR, RESEARCH AND DEVELOPMENT,
ENVIRONMENTAL AFFAIRS
NOVA AN ALBERTA CORPORATION
P.O. BOX 2535, POSTAL STATION M
CALGARY, ALBERTA, CANADA T2P 2N6

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
FOREST SOILS

4 FINDLAY, RON L. 403/233-1741
MANAGER, ENVIRONMENTAL AFFAIRS
AMOCO CANADA PETROLEUM COMPANY LTD.
AMOCO CANADA BUILDING
444 SEVENTH AVENUE S.W.
CALGARY, ALBERTA, CANADA T2P 0Y2

DISCIPLINARY COMPETENCIES
EMISSIONS
POLICY, REGULATORY OPTIONS

5 GRAVELAND, DAVID N. 403/329-5322
HEAD, TECHNICAL DEVELOPMENT BRANCH
ALBERTA ENVIRONMENT- EARTH SCIENCES DIV
3RD FLOOR, COUSINS BUILDING, BAG 3014
LETHBRIDGE, ALBERTA, CANADA T1J 4B3

DISCIPLINARY COMPETENCIES
SOIL AND WATER CHEMISTRY
SOIL SCIENCE

6 HOGAN, GARY D. 403/435-7307
RESEARCH SCIENTIST
CANADIAN FORESTRY SERVICE
NORTHERN FOREST RESEARCH CENTRE
5320-122 STREET
EDMONTON, ALBERTA, CANADA T6H 3S5

DISCIPLINARY COMPETENCIES
PLANT AND SOIL PROCESSES

7 KOCIUBA, P. J. 403/437-1250
SCIENTIFIC SERVICES METEOROLOGIST
ENVIRONMENT CANADA
ATMOSPHERIC ENVIRONMENT SERVICE
ARGYLL CENTRE 6325-103 STREET
EDMONTON, ALBERTA, CANADA T6H 5H6

DISCIPLINARY COMPETENCIES
TRAJECTORY MODELLING

8 LAU, YAN K. 403/427-5893
AIR POLLUTION CHEMIST
POLLUTION CONTROL DIVISION
ALBERTA ENVIRONMENT
9820-106 STREET
EDMONTON, ALBERTA, CANADA T5K 2J6

DISCIPLINARY COMPETENCIES
PRECIPITATION CHEMISTRY, FIELD
MEASUREMENTS AND DATA QUALITY
ASSURANCE PROGRAM

9 LEGGE, ALLAN H. 403/284-5271
PROFESSIONAL ASSOCIATE
KANANASKIS CENTER FOR ENVIRONMENTAL RES.
UNIVERSITY OF CALGARY
CALGARY, ALBERTA, CANADA T2N 1N4

DISCIPLINARY COMPETENCIES
ECOLOGY
GENETICS
PLANT PHYSIOLOGY

10 MANN, A. S. 403/437-1250
CHIEF, SCIENTIFIC SERVICES
ENVIRONMENT CANADA
ATMOSPHERIC ENVIRONMENT SERVICE
ARGYLL CENTRE, 6325-103 STREET
EDMONTON, ALBERTA, CANADA T6H 5H6

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

11 MUNSON, BARRY 403/427-6254
RESEARCH MANAGER
RESEARCH MANAGEMENT DIVISION
ALBERTA ENVIRONMENT
10405 JASPER AVENUE
STANDARD LIFE CENTRE
ALBERTA, CANADA T5J-3N4

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL TOXICOLOGY

12 OLSON, ROD
ENVIRONMENTAL CLIMATOLOGIST
ENVIRONMENT CANADA
ATMOSPHERIC ENVIRONMENT SERVICE
AGRYLL CENTER, 6325-103 STREET
EDMONTON, ALBERTA, CANADA T6H 5H6

DISCIPLINARY COMPETENCIES
CLIMATOLOGY
GEOGRAPHY
METEOROLOGY

13 PALMER, CRAIG J. 403/329-5322
SOIL SCIENTIST
ALBERTA ENVIRONMENT,
EARTH SCIENCES DIVISION
3RD FLOOR, COUSINS BUILDING, BAG 3014
LETHBRIDGE, ALBERTA, CANADA T1J 4B3

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY AND PHYSICS

14 REGIER, HENRY F. 403/329-5322
SOIL SCIENTIST
ALBERTA ENVIRONMENT- EARTH SCIENCES DIV
3RD FLOOR, COUSINS BUILDING, BAG 3014
LETHBRIDGE, ALBERTA, CANADA T1J 4B3

DISCIPLINARY COMPETENCIES
SOIL SCIENCE (LAND CLASSIFICATION,
SOIL CHEMISTRY)

15 SAKIYAMA, STEVEN K. 403/427-5893
AIR POLLUTION MODELLER
POLLUTION CONTROL DIVISION
ALBERTA ENVIRONMENT, AIR QUALITY CONTROL
9820-106 STREET
EDMONTON, ALBERTA, CANADA T5K 2J6

DISCIPLINARY COMPETENCIES
AIR POLLUTION METEOROLOGY
ATMOSPHERIC TURBULENCE
DISPERSION/DEPOSITION MODELLING

16 SANDHU, H. S. 403/422-2071
SENIOR RESEARCH MANAGER
RESEARCH MANAGEMENT DIVISION
ALBERTA DEPT. OF THE ENVIRONMENT
14TH FLOOR, STANDARD LIFE CENTRE
10405-JASPER AVENUE
EDMONTON, ALBERTA, CANADA T5J 3N4

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
METEOROLOGY
FRESHWATER ECOLOGY

17 SHAW, GEORGE G. 403/435-7355
RESEARCH SCIENTIST
CANADIAN WILDLIFE SERVICE
RM 1000 9942 108 ST.
ALBERTA, CANADA T5K-2J5

DISCIPLINARY COMPETENCIES
ECOLOGY
FOREST SOILS
STATISTICS
WILDLIFE TOXICOLOGY

18 SIMS, H. P. 403/427-5815
RESEARCH MANAGER
RESEARCH MANAGEMENT DIVISION
ALBERTA ENVIRONMENT
14TH FLOOR, STANDARD LIFE CENTRE
10405-JASPER AVENUE
EDMONTON, ALBERTA, CANADA T5J 3N4

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY

19 THOMSON, BRUCE 403/437-1250
SCIENTIFIC SERVICES METEOROLOGIST
ENVIRONMENT CANADA
ATMOSPHERIC ENVIRONMENT SERVICE
ARGYLL CENTRE, 6325-103 STREET
EDMONTON, ALBERTA, CANADA T6H 5H6

DISCIPLINARY COMPETENCIES
METEOROLOGY

## BRITISH COLUMBIA

20 BERNARD, DAVID P. 604/228-4664
RESEARCH ASSOCIATE
UNIVERSITY OF BRITISH COLUMBIA
INSTITUTE OF RESOURCE ECOLOGY
2075 WESBROOK MALL
VANCOUVER, BRITISH COLUMBIA VGT IW5

DISCIPLINARY COMPETENCIES
FRESHWATER ECOLOGY
IMPACT ASSESSMENT

21 MANNA, BARID B. 604/387-1834
HEAD, AIR QUALITY ENGINEERING
MINISTRY OF ENVIRONMENT
PARLIAMENT BUILDING
VICTORIA, BRITISH COLUMBIA
CANADA V8V 1X5

DISCIPLINARY COMPETENCIES
AIR QUALITY MONITORING
IMPACT ASSESSMENTS

22 MARMOREK, DAVID R. 604/872-0691
SYSTEMS ECOLOGIST
ESSA LTD.
678 BROADWAY
VANCOUVER, BRITISH COLUMBIA,
CANADA V5Z 1Q6

DISCIPLINARY COMPETENCIES
PLANKTON ECOLOGY
SIMULATION MODELLING

23 MCBEAN, GORDON A.
SENIOR SCIENTIST
INSTITUTE OF OCEAN SCIENCES
ATMOSPHERIC ENVIRONMENT SERVICE
9860 WEST SAANICH ROAD
SIDNEY, BRITISH COLUMBIA, CANADA V8L 4B2

DISCIPLINARY COMPETENCIES
METEOROLOGY
OCEANOGRAPHY (PHYSICS)

24 NEWCOMBE, CHARLES PHILIP 604/387-1493
BIOLOGIST
POLLUTION AND WATER USE PLANNING
FISH AND WILDLIFE BRANCH
MINISTRY OF ENVIRONMENT
780 BLANSHARD STREET
VICTORIA, BRITISH COLUMBIA
CANADA V8V 1X5

DISCIPLINARY COMPETENCIES
FISHERIES BIOLOGY
RESOURCE MANAGEMENT

25 NIKLEVA, STEPHEN 604/732-4809
CHIEF, SCIENTIFIC SERVICES DIVISION
ATMOSPHERIC ENVIRONMENT SERVICE
700-1200 WEST 73RD AVENUE
VANCOUVER, BRITISH COLUMBIA,
CANADA V6P 6H9

DISCIPLINARY COMPETENCIES
METEOROLOGY

26 SWAIN, L. G. 604/387-6387
ACTING COORDINATOR, WATER QUALITY STUDY
AQUATIC STUDIES BRANCH
MINISTRY OF ENVIRONMENT
PARLIAMENT BUILDINGS
VICTORIA, BRITISH COLUMBIA
CANADA V8V 1X5

DISCIPLINARY COMPETENCIES
PREDICTION OF LAKE SENSITIVITY

27 WILSON, R.G. 604/387-1511
DIRECTOR, AIR STUDIES BRANCH
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT
PARLIAMENT BUILDINGS
VICTORIA, BRITISH COLUMBIA V8V 1X4
CANADA

DISCIPLINARY COMPETENCIES
METEOROLOGY
REGULATORY RESPONSIBILITIES

## MANITOBA

28 ATKINSON, BARRIE A. 204/949-6059
SCIENTIFIC SERVICES METEOROLOGIST
ATMOSPHERIC ENVIRONMENT SERVICE-
CENTRAL REGION, ENVIRONMENT CANADA
1000-266 GRAHAM AVENUE
WINNIPEG, MANITOBA, CANADA R3C 3V4

DISCIPLINARY COMPETENCIES
METEOROLOGY

29 CHANG, PHILIP S. S. 204/269-7379
AQUATIC BIOLOGIST
FRESHWATER INSTITUTE
DEPARTMENT OF FISHERIES AND OCEANS
501 UNIVERSITY CRESCENT
WINNIPEG, MANITOGA, CANADA

DISCIPLINARY COMPETENCIES
CRAYFISH
ZOOPLANKTON POPULATION

30 DAVIES, IAN J. 204/269-7379
BIOLOGIST
FRESHWATER INSTITUTE
501 UNIVERSITY
WINNIPEG, MANITOBA, CANADA R3T ZN6

DISCIPLINARY COMPETENCIES
EFFECTS ON CRAYFISH
INSECT EMERGENCE

31 FRASER, HUGH M. 204/949-4379
REGIONAL CHIEF SCIENTIFIC SERVICES
ATMOSPHERIC ENVIRONMENT SERVICE
ENVIRONMENT CANADA
266 GRAHAM AVENUE, ROOM 1000
WINNIPEG, MANITOBA, CANADA R3C 3V4

DISCIPLINARY COMPETENCIES
ENGINEERING PHYSICS
METEOROLOGY

32 HARA, TOSHIAKI J. 204/269-7379
RESEARCH SCIENTIST
FRESHWATER INSTITUTE
DEPARTMENT OF FISHERIES AND OCEANS
501 UNIVERSITY CRESCENT
WINNIPEG, MANITOBA, CANADA R3T 2N6

DISCIPLINARY COMPETENCIES
AQUATIC ENVIRONMENTS
CHEMORECEPTION IN AQUATIC ORGANISMS

33 HESSLEIN, RAYMOND H. 204/269-7379
RESEARCH SCIENTIST
FRESHWATER INSTITUTE
FISHERIES AND OCEANS CANADA
501 UNIVERSITY CRESCENT
WINNIPEG, MANITOBA, CANADA R3T 2N6

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY
LIMNOLOGY
RADIOCHEMISTRY

34 KELLY, CAROL 204/786-7811
ASSISTANT PROFESSOR, BIOLOGY
UNIVERSITY OF WINNIPEG
WINNIPEG, MANITOBA, CANADA R3B 2E9

DISCIPLINARY COMPETENCIES
AQUATIC MICROBIAL ECOLOGY

35 MALLEY, DIANE F. 204/269-7379
RESEARCH SCIENTIST EXT 273
FRESHWATER INSTITUTE
DEPARTMENT OF FISHERIES AND OCEANS
501 UNIVERSITY CRESCENT
WINNIPEG, MANITOBA, CANADA R3T 2N6

DISCIPLINARY COMPETENCIES
AQUATIC INVERTEBRATE PHYSIOLOGY,
ESP. CRUSTACEAN
COMMUNITY ECOLOGY
ZOOPLANKTON POPULATION

36 MILLS, K.H. 204/269-7379
RESEARCH SCIENTIST
FRESHWATER INSTITUTE
CANADA DEPT. FISHERIES AND OCEANS
501 UNIVERSITY CRESCENT
WINNIPEG, MANITOBA, CANADA R2P 1T1

DISCIPLINARY COMPETENCIES
FISH POPULATION DYNAMICS

37 RUDD, JOHN W. M. 204/269-7379
RESEARCH SCIENTIST
FRESHWATER INSTITUTE
501 UNIVERSITY CRESCENT
WINNIPEG, MANITOBA, CANADA R3T 0K5

DISCIPLINARY COMPETENCIES
CHEMICAL LIMNOLOGY
MICROBIAL ECOLOGY

38 SHEARER, JOHN A. 204/269-7379
PRIMARY PRODUCTION BIOLOGIST
FRESHWATER INSTITUTE
FISHERIES AND OCEANS CANADA
501 UNIVERSITY CRES.
WINNIPEG, MANITOBA, CANADA R3T 2N6

DISCIPLINARY COMPETENCIES
LIGHT ATTENUATION IN LAKES
PHYTOPLANKTON PRODUCTIVITY IN LAKES

39 SINCLAIR, E. J. 204/677-5231
DIRECTOR OF SAFETY, HEALTH AND ENVIRON.
INCO, LTD.
THOMPSON, MANITOBA, CANADA R8N 1P3

DISCIPLINARY COMPETENCIES
EMISSIONS
ENVIRONMENTAL CONTROL LABORATORY

40 WOTTON, DAVE 204/895-5311
HEAD, TERRESTRIAL STANDARDS AND STUDIES
ENVIRONMENTAL MANAGEMENT DIVISION
PROVINCE OF MANITOBA
BOX 7, BUILDING 2, 139 TUXEDO AVENUE
WINNIPEG, MANITOBA, CANADA R3N 0H6

DISCIPLINARY COMPETENCIES
FORESTRY
VEGETATION/SOILS EFFECTS
PRECIPITATION MONITORING

## NEW BRUNSWICK

41 AYER, WILLIAM C. 506/453-2669
COORDINATOR SCIENTIFIC STUDIES
NEW BRUNSWICK DEPT. OF THE ENVIRONMENT
P.O. BOX 6000
FREDERICTON,
NEW BRUNSWICK, CANADA E3B 5H1

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY

42 CLAIR, THOMAS A. 506/388-6606
WATER RESOURCES OFFICER
WATER QUALITY BRANCH, ENVIRONMENT CANADA
P.O. BOX 861
MONCTON, NEW BRUNSWICK, CANADA E1C 8N6

DISCIPLINARY COMPETENCIES
BENTHIC ECOLOGY
WATER QUALITY ANALYSIS
TREND ANALYSIS

43 COOK, ROBERT H. 506/529-8857
DIRECTOR
ST. ANDREWS BIOLOGICAL STATION
DEPT. FISHERIES AND OCEANS
ST. ANDREWS, NEW BRUNSWICK, E0G 2X0

DISCIPLINARY COMPETENCIES
BIOLOGICAL EFFECTS
TOXICOLOGY

44 LACROIX, GILLES L. 506/529-8850
RESEARCH SCIENTIST
DEPARTMENT OF FISHERIES AND OCEANS
BIOLOGICAL STATION
ST. ANDREWS, NEW BRUNSWICK E0G 2X0
CANADA

DISCIPLINARY COMPETENCIES
ECOLOGY
PHYSIOLOGY OF FISHES

45 PERCY, KEVIN E. 506/452-3532
BIOLOGIST
ENVIRONMENT CANADA,
CANADIAN FORESTRY SERVICE
MARITIMES FOREST RESEARCH CENTRE
P.O. BOX 4000
FREDERICTON, NEW BRUNSWICK E3B 5P7
CANADA

DISCIPLINARY COMPETENCIES
PLANT MORPHOLOGY

46 PETERSON, RICHARD H. 506/529-8854
RESEARCH SCIENTIST
CANADA DEPARTMENT OF FISHERIES AND
OCEANS, FISHERIES AND ENVIRONMENTAL
SCIENCES DIVISION
ST. ANDREWS BIOLOGICAL STATION
ST ANDREWS, NEW BRUNSWICK E0G 2X0
CANADA

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL PHYSIOLOGY
ECOLOGY OF SALMONOID FISHES

47 POLLOCK, T. L. 506/388-6606
HEAD, ANALYTICAL SERVICES DIVISION
WATER QUALITY BRANCH, ENVIRONMENT CANADA
P.O. BOX 861
MONCTON, NEW BRUNSWICK, CANADA E1C 8N6

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY

48 SPAVOLD, ALEXANDRA JANE 506/453-2669
PHYTOTOXICOLOGIST
ENVIRONMENTAL SERVICES BRANCH
ENVIRONMENT NEW BRUNSWICK
P.O. BOX 6000
FREDERICTON, NEW BRUNSWICK E3B 5H1
CANADA

DISCIPLINARY COMPETENCIES
BOTANY
PLANT TOXICOLOGY
AIR POLLUTION TOXICOLOGY
FOREST ECOLOGY

## NEWFOUNDLAND

49 BRUCE, WILLIAM J. 709/772-2128
HEAD, INLAND FISHERIES
FISHERIES AND OCEANS
FISHERIES RESEARCH BRANCH
P.O. BOX 5667
ST. JOHN'S, NEWFOUNDLAND, CANADA A1C 5X1

DISCIPLINARY COMPETENCIES
FISHERIES POPULATION DYNAMICS

50 HULETT, LES 709/737-2554
ENVIRONMENTAL CHEMIST
DEPARTMENT OF ENVIRONMENT
GOVERNMENT OF NEWFOUNDLAND AND LABRADOR
ELIZABETH TOWERS, ELIZABETH AVENUE
ST. JOHN'S, NEWFOUNDLAND, CANADA A1B 1R9

DISCIPLINARY COMPETENCIES
PHYSICAL INORGANIC CHEMISTRY

51 KICENIUK, JOE W. 709/737-2087
RESEARCH SCIENTIST
FISHERIES AND OCEANS CANADA
P.O. BOX 5667
ST. JOHN'S, NEWFOUNDLAND A1C 5X1
CANADA

DISCIPLINARY COMPETENCIES
PHYSIOLOGY
TOXICOLOGY
ELECTRONICS

52 RYAN, PATRICK M. 709/772-4491
PROJECT BIOLOGIST
DEPARTMENT OF FISHERIES AND OCEANS
P.O. BOX 5667
ST. JOHN'S, NEWFOUNDLAND A1C 5X1
CANADA

DISCIPLINARY COMPETENCIES
FISH/FRESHWATER ECOLOGY

53 SCRUTON, DAVID A. 709/772-4485
RESEARCH BIOLOGIST
CANADA DEPT. FISHERIES AND OCEANS
P.O. BOX 5667
ST. JOHN'S, NEWFOUNDLAND, CANADA A1E 1X5

DISCIPLINARY COMPETENCIES
FRESHWATER FISHERIES

## NOVA SCOTIA

54 CHURCH, IAN R. 902/426-2063
RESOURCE MANAGEMENT PLANNING CO-ORD.
LRTAD CONTACT
PARKS CANADA-ATLANTIC REGION
HISTORIC PROPERTIES, UPPER WATER STD.
HALIFAX, NOVA SCOTIA, CANADA B3J 1S9

DISCIPLINARY COMPETENCIES
RESOURCE MANAGEMENT PLANNING

55 COLLINS, TERRENCE M. 902/424-6527
PRESIDENT, DACS
5253 RUSSELL STREET
HALIFAX, NOVA SCOTIA, CANADA B3H 4J1

DISCIPLINARY COMPETENCIES
ECOLOGY
ECOSYSTEM MODELLING
ENVIRONMENTAL IMPACT ASSESSMENT
QUALITATIVE ANALYSIS

56 DAYE, PETER G. 902/434-9611
PRESIDENT
DAYE ATLANTIC SALMON CORPORATION
P.O. BOX 1081
ARMDALE, NOVA SCOTIA, CANADA B3L 4L5

DISCIPLINARY COMPETENCIES
PHYSIOLOGY
TOXICOLOGY
AQUACULTURE
ACID RAIN - GENERAL
FISH - EFFECTS

57 DOL, JEAN CLAUDE
DIRECTOR, DEPARTMENT OF THE SCIENCES
UNIVERSITE SAINTE ANNE
CHURCH POINT, DIGBY
NOVA SCOTIA, CANADA B0W 1M0

DISCIPLINARY COMPETENCIES
CHEMISTRY

58 EDMONDS, CLINTON J. 902/426-7155
REGIONAL DIRECTOR GENERAL
ENVIRONMENT CANADA
5TH FLOOR, QUEEN SQUARE
45 ALDERNEY DRIVE
DARTMOUTH, NOVA SCOTIA, CANADA B2Y 2N6

DISCIPLINARY COMPETENCIES
SANITARY ENGINEERING-MANAGEMENT

59 FREEDMAN, BILL
ASSISTANT PROFESSOR
DEPARTMENT OF BIOLOGY
DALHOUSIE UNIVERSITY
HALIFAX, NOVA SCOTIA, CANADA B3H 4J1

DISCIPLINARY COMPETENCIES
AMPHIBIANS
STEMFLOW AND THROUGHFALL CHEMISTRY

60 HART, WILLIAM C. 902/826-7198
GEOLIMNOS CONSULTING
TANTALLON, NOVA SCOTIA, CANADA B3J 3J0

DISCIPLINARY COMPETENCIES
ECOLOGY
BIOGEOCHEMISTRY
SURFACE WATER MANAGEMENT
MONITORING, FIELD MEASUREMENTS

61 KEREKES, JOSEPH 902/426-6356
RESEARCH SCIENTIST
ENVIRONMENT CANADA
CANADIAN WILDLIFE SERVICE
C/O BIOLOGY DEPARTMENT
DALHOUSIE UNIVERSITY
HALIFAX, NOVA SCOTIA, CANADA B3H 4J1

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY
LIMNOLOGY

62 LANE, PATRICIA A. 902/424-6527
ASSOCIATE PROFESSOR
DEPARTMENT OF BIOLOGY
DALHOUSIE UNIVERSITY
HALIFAX, NOVA SCOTIA, CANADA B3H 4J1

DISCIPLINARY COMPETENCIES
ECOLOGY
ECOSYSTEM MODELLING
ENVIRONMENTAL IMPACT ASSESSMENT
QUALITATIVE ANALYSIS

63 LANGILLE, WINSTON M. 902/895-1571
HEAD, CHEMISTRY DEPARTMENT
NOVA SCOTIA AGRICULTURAL COLLEGE
P.O. BOX 550
TRURO, NOVA SCOTIA, CANADA B2N 5E3

DISCIPLINARY COMPETENCIES
CHEMISTRY LABORATORY ANALYTICAL AND
TESTING PROCEDURE RE WATER QUALITY

64 LEBLANC, PATRICK J. 902/424-8503
SENIOR ADVISOR-ENVIRONMENT
NOVA SCOTIA POWER CORPORATION
P.O. BOX 910
HALIFAX, NOVA SCOTIA, CANADA B3J 2W5

DISCIPLINARY COMPETENCIES
CHEMISTRY
ENVIRONMENTAL ENGINEERING
ENVIRONMENTAL STUDIES

65 MCCURDY, ROSS F. 902/428-3464
CHIEF-ENVIRONMENTAL LABORATORY
DEPARTMENT OF PATHOLOGY
5788 UNIVERSITY AVENUE
HALIFAX, NOVA SCOTIA, CANADA B3N 2Z7

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL CHEMISTRY
ANALYTICAL CHEMISTRY

66 OGDEN, J. GORDON 902/424-2158
PROFESSOR OF BIOLOGY
DALHOUSIE UNIVERSITY
HALIFAX, NOVA SCOTIA, CANADA B3H 4J1

DISCIPLINARY COMPETENCIES
ECOLOGY
LIMNOLOGY
PALEOLIMNOLOGY
QUATERNARY GEOLOGY

67 SABEAN, BARRY 902/678-8921
MANAGER, WILDLIFE RESOURCES
NOVA SCOTIA DEPARTMENT OF LANDS
AND FORESTS
P.O. BOX 516
KENTVILLE, NOVA SCOTIA, CANADA B4N 3X3

DISCIPLINARY COMPETENCIES
FISHERY BIOLOGY

68 SHAW, RODERICK W. 902/426-6132
SENIOR SCIENTIFIC ADVISOR
ENVIRONMENTAL PROTECTION SERVICE
5TH FLOOR, QUEEN SQUARE
45 ALVERNEY DRIVE
DARTMOUTH, NOVA SCOTIA, CANADA B2Y 2N6

DISCIPLINARY COMPETENCIES
METEOROLOGY
INTERPRETATION OF MONITORING
CONTROL STRATEGIES

69 UNDERWOOD, JOHN K. 902/424-5300
ENVIRONMENTAL ANALYST EXT. 176
NOVA SCOTIA DEPT. OF THE ENVIRONMENT
P.O. BOX 2107
HALIFAX, NOVA SCOTIA, CANADA B3J 3B7

DISCIPLINARY COMPETENCIES
LIMNOLOGY
ECOLOGY
RAIN CHEMISTRY

70 VAUGHAN, HAGUE H. 902/424-5300
ENVIRONMENTAL ANALYST EXT 173
NOVA SCOTIA DEPT OF THE ENVIRONMENT
BOX 2107
HALIFAX, NOVA SCOTIA, CANADA B3J 3B7

DISCIPLINARY COMPETENCIES
LIMNOLOGY
PALEOECOLOGY
ECOLOGY

71 WATT, WALTON D. 902/426-3606
HEAD, FRESHWATER FISH HABITAT PROTECTION
DEPARTMENT OF FISHERIES AND OCEANS
P.O. BOX 550
HALIFAX, NOVA SCOTIA, CANADA B3J 2S7

DISCIPLINARY COMPETENCIES
LIMNOLOGY
OCEANOGRAPHY
ZOOLOGY

## ONTARIO

72 ADAMS, CINDY 416/286-1984
GRADUATE STUDENT
UNIVERSITY OF TORONTO
TORONTO, ONTARIO, CANADA L1W 3K4

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS
AQUATIC BIOLOGY

73 ALP, ERTUGAL 416/630-6331
SENIOR PROJECT SCIENTIST
CONCORD SCIENTIST CORPORATION
2 TIPPETT ROAD
DOWNSVIEW, ONTARIO, CANADA M3H 2V2

DISCIPLINARY COMPETENCIES
ANALYTICAL AND NUMERICAL TECHNIQUES
BOUNDRY LAYER THEORY
WIND FIELD MODELLING

74 BALSILLIE, DAVID 416/965-2053
SUPERVISOR, ATMOS RESEARCH AND SP. PROG.
MINISTRY OF THE ENVIRONMENT
AIR RESOURCES BRANCH
880 BAY STREET, 4TH FLOOR
TORONTO, ONTARIO, CANADA M5S 1Z8

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
MONITORING/FIELD MEASUREMENTS

75 BARCLAY, PAUL 807/345-2121
MANAGER-DIRECTOR, APIOS
ACID RAIN IN ONTARIO STUDY
CENTRE FOR REGIONAL DEVELOPMENT
LAKEHEAD UNIVERSITY
OLIVER ROAD
THUNDER BAY, ONTARIO, CANADA P7B 5E1

DISCIPLINARY COMPETENCIES
AIR POLLUTANT EFFECTS
BOTANY
ECOLOGY

76 BECKETT, P. J. 705/675-1151
LAURENTIAN UNIVERSITY EXT 457
SUDBURY, ONTARIO, CANADA P3E 2C6

DISCIPLINARY COMPETENCIES
AIR POLLUTANTS ON VEGETATION
(MOSSES, LICHENS)
BIOMONITORING

77 BEGGS, GAIL 416/965-7887
ACIDIFICATION BIOLOGIST
MINISTRY OF NATURAL RESOURCES
FISHERIES BRANCH
QUEEN'S PARK, WHITNEY BLOCK
TORONTO, ONTARIO, CANADA M7A 1W3

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS

78 BLEIWAS, AGNES 416/978-7141
BOTANY DEPARTMENT
UNIVERSITY OF TORONTO
6 QUEENS PARK CRES.
TORONTO, ONTARIO, CANADA M5S 1A1

DISCIPLINARY COMPETENCIES
ECOLOGY
LIMNOLOGY

79 BROOKSBANK, PETER 819/997-3422
PRECIPITATION IMPACT OFFICER
WATER QUALITY BRANCH
ENVIRONMENT CANADA
PLACE VINCENT MASSEY
OTTAWA, ONTARIO, CANADA K1A 0E7

DISCIPLINARY COMPETENCIES
CHEMISTRY
APPLIED MATHEMATICS
COMPUTER SCIENCE

80 BRYDGES, THOMAS 416/248-3058
SUPERVISOR, LIMNOLOGY SECTION
ONTARIO MINISTRY OF THE ENVIRONMENT
BOX 213
REXDALE, ONTARIO, CANADA M9W 5L1

DISCIPLINARY COMPETENCIES
CHEMISTRY
LIMNOLOGY

81 BYSTRAM, AGATHA 819/997-2485
DIRECTOR - LIBRARY SERVICES BRANCH
DEPARTMENT OF THE ENVIRONMENT
PLACE VINCENT MASSEY
OTTAWA, ONTARIO, CANADA K1A 1C7

DISCIPLINARY COMPETENCIES
INFORMATION REFERRALS
DOCUMENT BACKUP

82 CHAN, CHEONG-HOI 416/637-4641
NETWORK OFFICER
WATER QUALITY BRANCH, ENVIRONMENT CANADA
P.O. BOX 5050, CCIW
BURLINGTON, ONTARIO, CANADA L7R 4A6

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENT

83 CHAN, WALTER H. 416/965-1634
APIOS ATMOSPERIC DEPOSITION AND
CHEMISTRY PROGRAM LEADER
AIR RESOURCES BRANCH
ONTARIO MINISTRY OF THE ENVIRONMENT
880 BAY STREET, 4TH FLOOR
TORONTO, ONTARIO, CANADA M5S 1Z8

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY, DEPOSITION,
MONITORING

84 CHUNG, YONG-SEUNG 416/667-4980
RESEARCH SCIENTIST
ATMOSPHERIC ENVIRONMENT SERVICE
4905 DUFFERIN ST.
DOWNSVIEW, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
AIR POLLUTION METEOROLOGY-TRANSPORT

85 COLLINS, NICHOLAS C. 416/828-5366
ASSOCIATE PROFESSOR OF ZOOLOGY
ERINDALE CAMPUS
UNIVERSITY OF TORONTO
3359 MISSISSAUGA ROAD
MISSISSAUGA, ONTARIO, CANADA L5L 1C6

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY, ESP. LAKE BENTHOS

86 CONROY, NELS 705/675-4501
CHIEF - WATER RESOURCES ASSESSMENT
ONTARIO MINISTRY OF ENVIRONMENT
199 LARCH STREET
SUDBURY, ONTARIO, CANADA P3E 5P9

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
BIOLOGY

87 COOLEY, JOHN M. 416/637-4772
ACID RAIN PROGRAM MANAGER
CANADA DEPT. FISHERIES AND OCEANS
3050 HARVESTER ROAD
BURLINGTON, ONTARIO, CANADA L7N 3J1

DISCIPLINARY COMPETENCIES
SECONDARY PRODUCTION

88 COWELL, DARYL W. 416/637-4551
LAND RESEARCH SCIENTIST
ENVIRONMENT CANADA, LANDS DIRECTORATE
867 LAKESHORE ROAD
BURLINGTON, ONTARIO, CANADA L7R 4A6

DISCIPLINARY COMPETENCIES
GEOMORPHOLOGY
PEDOLOGY

89 DE SOUZA, KEN 416/544-3761
RESEARCH LEADER EXT 3343
DOFASCO INC.
P.O. BOX 460, 1390 BURLINGTON ST. EAST
HAMILTON, ONTARIO, CANADA L8N 3J5

DISCIPLINARY COMPETENCIES
CORROSION AND ENGINEERING
METALLURGY

90 DEN HARTOG, G. 416/667-4780
RESEARCH SCIENTIST
ATMOSPHERIC ENVIRONMENTAL SERVICE
4905 DUFFERIN STREET
DOWNSVIEW, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
METEOROLOGY

91 DERMOTT, RONALD 416/637-4730
BENTHIC BIOLOGIST
GREAT LAKES FISHERIES RESEARCH BRANCH
CANADA DEPT. FISHERIES AND OCEANS
P.O. BOX 5050, 867 LAKESHORE ROAD
BURLINGTON, ONTARIO, CANADA L7R 4A6

DISCIPLINARY COMPETENCIES
AQUATIC INVERTEBRATE ECOLOGY
BENTHIC TAXONOMY

92 DILLON, PETER J. 416/248-3058
HEAD, LIMNOLOGY UNIT
ONTARIO MINISTRY OF THE ENVIRONMENT
BOX 213
REXDALE, ONTARIO, CANADA M9W 5L1

DISCIPLINARY COMPETENCIES
LAKE CHEMISTRY
LAKE AND WATERSHED MASS BALANCES

93 DODGE, DOUG 416/965-7887
SUPERVISOR, ENVIRON. DYNAMICS SECTION
MINISTRY OF NATURAL RESOURCES
FISHERIES BRANCH
WHITNEY BLOCK, QUEEN'S PARK
TORONTO, ONTARIO, CANADA M7A 1W3

DISCIPLINARY COMPETENCIES
POLICY AND REGULATORY OPTIONS
CONTROL TECHNOLOGIES

94 DREISINGER, BRUCE R. 705/682-2043
SUPERVISOR, ENVIRONMENTAL CONTROL
INCO METALS COMPANY LTD.
GENERAL ENGINEERING BLDG.
COPPER CLIFF, ONTARIO, CANADA POM 1NO

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

95 EFFER, W.R. 416/592-5202
MANAGER
ENVIRONMENTAL STUDIES AND ASSESSMENTS
ONTARIO HYDRO
700 UNIVERSITY AVENUE
TORONTO, ONTARIO, CANADA M59 1X6

DISCIPLINARY COMPETENCIES
ATMOSPHERIC TRANSPORT
CONTROL TECHNOLOGIES
FOREST EFFECTS

96 ELDER, FLOYD C. 416/637-4212
CHIEF,AQUATIC PHYSICS AND SYSTEMS DIV
NATIONAL WATER RESEARCH INSTITUTE
CANADA CENTRE FOR INLAND WATERS,
P.O. BOX 5050
BURLINGTON, ONTARIO, CANADA L7R 4A6

DISCIPLINARY COMPETENCIES
SURFACE WATER CHEMISTRY
PROGRAM MANAGEMENT

97 FISCHER, K. L. 819/997-1410
COORDINATOR, CANADIAN WILDLIFE SERVICE
ACID RAIN PROGRAM
CANADIAN WILDLIFE SER., ENVIRON. CANADA
ENVIRONMENT CANADA
NATIONAL WILDLIFE RESEARCH CENTRE
100 GAMELIN BOULEVARD
HULL, QUEBEC, CANADA K1A 0E7

DISCIPLINARY COMPETENCIES
ECOLOGY
TOXICOLOGY
WILDLIFE BIOLOGY

98 FORSTER, BRUCE A. 519/824-4120
ASSOC. PROFESSOR OF ECONOMICS EXT 3898
DEPARTMENT OF ECONOMICS
COLLEGE OF SOCIAL SCIENCE
UNIVERSITY OF GUELPH
GUELPH, ONTARIO, CANADA N1G 2W1

DISCIPLINARY COMPETENCIES
ECONOMIC VALUATION OF ENVIRONMENTAL EFFECTS

99 FOSTER, N.W. 705/949-9461
RESEARCH SCIENTIST
CANADIAN FORESTRY SERVICE
P.O. BOX 490
SAULT STE MARIE, ONTARIO P6A 5M7
CANADA

DISCIPLINARY COMPETENCIES
FOREST SCIENCE
SOIL SCIENCE

100 FRANTISAK, F. 416/867-7306
DIRECTOR OF ENVIRONMENTAL SERVICES
NORANDA MINES LIMITED
P.O. BOX 45, COMMERCE COURT WEST
TORONTO, ONTARIO, CANADA M5L 1B6

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SCIENCE

101 GIZYN, WILLIAM I. 416/965-4516
TERRESTRIAL BIOLOGIST
ONTARIO MINISTRY OF THE ENVIRONMENT
880 BAY STREET
TORONTO, ONTARIO, CANADA M5S 1Z8

DISCIPLINARY COMPETENCIES
BOTANY
ECOLOGY

102 GRIFFIN, H. DENNIS 807/475-1215
CHIEF, AIR QUALITY ASSESSMENT
NORTHWESTERN REGION
ONTARIO MINISTRY OF THE ENVIRONMENT
P.O. BOX 5000
THUNDER BAY, ONTARIO, CANADA P7C 5G6

DISCIPLINARY COMPETENCIES
AIR QUALITY ASSESSMENT
POLLUTANT EFFECTS ON VEGETATION AND SOIL

103 GRIFFITH, MARG 416/965-4516
SOILS SPECIALIST
MINISTRY OF THE ENVIRONMENT
880 BAY STREET, SUITE 347
TORONTO, ONTARIO, CANADA M5S 1Z8

DISCIPLINARY COMPETENCIES
SOILS
GEOMORPHOLOGY
PLEISTOCENE GEOLOGY
PALYNOLOGY

104 GUNN, JOHN
SUDBURY BASIN STUDY BIOLOGIST
MINISTRY OF NATURAL RESOURCES
SUDBURY DISTRICT
P.O. BOX 3500 STATION A
SUDBURY, ONTARIO, CANADA P3A 4S2

DISCIPLINARY COMPETENCIES
CONTROL TECHNOLOGIES
ENVIRONMENTAL EFFECTS

105 HALL, RONALD JAMES 705/766-2494
SENIOR RESEARCH SCIENTIST AND LEADER
LIMNOLOGY AND TAXONOMY SECTION
MINISTRY OF THE ENVIRONMENT
BOX 39
DORSET, ONTARIO, CANADA P0A 1E0

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY

106 HARVEY, HAROLD H. 416/978-3504
PROFESSOR, ZOOLOGY DEPT.
UNIVERSITY OF TORONTO
TORONTO, ONTARIO, CANADA M5S 1A1

DISCIPLINARY COMPETENCIES
FISHES & FISHERIES
POPULATIONS AND PHYSIOLOGY
LAKE ZOOBENTHOS

107 HEALE, ELLEN L. 705/682-4759
HORTICULTURIST, AGRICULTURE DEPARTMENT
INCO METALS CO.
COPPER CLIFF, ONTARIO, CANADA P0M 1N0

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL PHYSIOLOGY

108 HECZKO, EVA 416/965-2214
TECHNICAL ADVISOR
ACID PRECIPITATION IN ONTARIO STUDY
MINISTRY OF THE ENVIRONMENT
40 ST. CLAIR AVENUE WEST, 6TH FLOOR
TORONTO, ONTARIO, CANADA M4V 1P5

DISCIPLINARY COMPETENCIES
AQUATIC AND TERRESTRIAL EFFECTS

109 HOFSTRA, G. 519/824-4120
ASSOCIATE PROFESSOR EXT. 2737
DEPARTMENT OF ENVIRONMENTAL BIOLOGY
UNIVERSITY OF GUELPH
427, CROP SCIENCE BUILDING
GUELPH, ONTARIO, CANADA N1G 2W1

DISCIPLINARY COMPETENCIES
AIR POLLUTANT EFFECTS ON VEGETATION
AIR POLLUTANT MIXTURES
STRESS PHYSIOLOGY

110 HORNBROOK, ELDON H. 613/955-4521
HEAD, RESOURCE GEOCHEMISTRY SUBDIVISION
GEOLOGICAL SURVEY OF CANADA
601 BOOTH STREET
OTTAWA, ONTARIO, CANADA K1A 0E8

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY
GEOLOGY

111 HUNT, JAMES E. 416/630-6331
PRESIDENT
CONCORD SCIENTIFIC CORPORATION
2 TIPPETT ROAD
DOWNSVIEW, ONTARIO, CANADA M3H 2V2

DISCIPLINARY COMPETENCIES
PHYSICAL CHEMISTRY

112 HUTCHINSON, THOMAS C. 416/978-3532
PROFESSOR AND CHAIRMAN
DEPARTMENT OF BOTANY
UNIVERSITY OF TORONTO
TORONTO, ONTARIO, CANADA M5S 1A1

DISCIPLINARY COMPETENCIES
ECOLOGY
PLANT NUTRITION
LIMNOLOGY
HEAVY METAL TOXICOLOGY

113 JOHNSON, MURRAY G. 519/371-0040
SCIENTIST
DEPARTMENT OF FISHERIES AND OCEANS
BOX 969
OWEN SOUND, ONTARIO, CANADA N4K 6H6

DISCIPLINARY COMPETENCIES
LIMNOLOGY
ZOOLOGY

114 JOHNSTON, LAURA M. 613/998-8854
GEOCHEMIST
NATIONAL HYDROLOGY RESEARCH INSTITUTE,
ENVIRONMENT CANADA
BOGUE BUILDING, RIVER ROAD
OTTAWA, ONTARIO, CANADA K1A 1C8

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY
GROUNDWATER
TRACE ELEMENT ANALYSIS

115 KELLER, W. 705/675-4501
LIMNOLOGIST-SPECIAL STUDIES
ONTARIO MINISTRY OF ENVIRONMENT
199 LARCH STREET, 11TH FLOOR
SUDBURY, ONTARIO, CANADA P3G 5P9

DISCIPLINARY COMPETENCIES
LIMNOLOGY

116 KELSO, JOHN R. M. 705/942-2848
RESEARCH SCIENTIST
GREAT LAKES FISHERIES RESEARCH BRANCH
CANADA DEPT. FISHERIES AND OCEANS
875 QUEEN STREET, E
SS MARIE, ONTARIO, CANADA P6A 2B3

DISCIPLINARY COMPETENCIES
LIMNOLOGY
FISHERIES BIOLOGY

117 KRAMER, JAMES P. 416/525-9140
DEPARTMENT OF GEOLOGY
MCMASTER UNIVERSITY
HAMILTON, ONTARIO, CANADA L8S 4M1

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY

118 KRANTZBERG, GAIL 416/978-4309
RESEARCH ASSOCIATE
INSTITUTE FOR ENVIRONMENTAL STUDIES
UNIVERSITY OF TORONTO
TORONTO, ONTARIO, CANADA M5S 1A4

DISCIPLINARY COMPETENCIES
ECOTOXICOLOGY
LIMNOLOGY

119 KUJA, ALLEN L.
ENVIRONMENTAL BIOLOGIST
AIR RESOURCES BRANCH,
PHYTOTOXICOLOGY SECTION,
MINISTRY OF THE ENVIRONMENT ONTARIO
880 BAY STREET, SUITE 347
TORONTO, ONTARIO, CANADA M5S 1Z8

DISCIPLINARY COMPETENCIES
BOTANY
TERRESTRIAL ECOLOGY

120 KURTZ, JOEL 416/965-5068
SENIOR METEOROLOGIST
ONTARIO MINISTRY OF ENVIRONMENT
880 BAY ST.
TORONTO, ONTARIO, CANADA M5S 1Z8

DISCIPLINARY COMPETENCIES
METEOROLOGY

121 LAFLEUR, ROGER 819/997-3376
ACID RAIN ISSUE COORDINATOR
AIR POLLUTION CONTROL DIRECTORATE
ENVIRONMENTAL PROTECTION SERVICE
DEPARTMENT OF ENVIRONMENT
OTTAWA, ONTARIO, CANADA K1A 1C8

DISCIPLINARY COMPETENCIES
CONTROL TECHNOLOGIES
POLICY AND REGULATORY OPTIONS

122 LAZERTE, BRUCE 416/248-3058
RESEARCH SCIENTIST
ONTARIO MINISTRY OF ENVIRONMENT
P.O. BOX 213
REXDALE, ONTARIO, CANADA M9W 5L1

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
METALS SPECIATION

123 LEY, BARBARA E. 416/965-5068
SENIOR ATMOSPHERIC SCIENTIST
ONTARIO MINISTRY OF THE ENVIRONMENT
880 BAY STREET, 4TH FLOOR
TORONTO, ONTARIO, CANADA M5S 1Z8

DISCIPLINARY COMPETENCIES
METEOROLOGY
PHYSICAL CHEMISTRY
PHYSICS

124 LINZON, S. N. 416/965-4516
SUPERVISOR, PHYTOTOXICOLOGY SECTION
AIR RESOURCES BRANCH
ONTARIO MINSTRY OF ENVIRONMENT
880 BAY STREET
TORONTO, ONTARIO, CANADA M5S 1Z8

DISCIPLINARY COMPETENCIES
EFFECTS OF AIR POLLUTANTS ON VEGETATION

125 LOESCHER, BARRY 416/248-3346
METAL COORDINATOR
ONTARIO MINISTRY OF THE ENVIRONMENT
LABORATORIES BRANCH
125 RESOURCES ROAD
REXDALE, ONTARIO, CANADA M9W 5L1

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY

126 LUCAS, ANNE 416/637-4551
RESEARCH OFFICER
LANDS DIRECTORATE, ENVIRONMENT CANADA
P.O. BOX 5050, 867 LAKESHORE ROAD
BURLINGTON, ONTARIO, CANADA L7R 4A6

DISCIPLINARY COMPETENCIES
SENSITIVITY MAPPING
WATERSHED STUDIES

127 LUSIS, MARIS 416/965-1634
HEAD, SPECIAL STUDIES UNIT
AIR RESOURCES BRANCH
ONTARIO MINISTRY OF ENVIRONMENT
880 BAY STREET
TORONTO, ONTARIO, CANADA M5S 1Z8

DISCIPLINARY COMPETENCIES
CHEMISTRY, PHYSICS,
INSTRUMENTATION,
MATHEMATICAL MODELLING, MONITORING

128 MACLEAN, JIM 416/832-2761
RESEARCH SCIENTIST
MINISTRY OF NATURAL RESOURCES,
FISHERIES BRANCH
P.O. BOX 50
MAPLE, ONTARIO, CANADA L0J 1E0

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS

129 MARTIN, HANS C. 416/667-4803
SENIOR ADVISOR, FEDERAL LRTAP SCI. PROG.
ATMOSPHERIC ENVIRONMENT SERVICE
ENVIRONMENT CANADA
4905 DUFFERIN ST.
DOWNSVIEW, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
POLICY AND REGULATORY OPTIONS

130 MASSE, CLAUDE 416/966-6074
SCIENTIFIC SERVICES METEOROLOGIST
ATMOSPHERIC ENVIRONMENT SERVICE-
ONTARIO REGION
25 ST. CLAIR AVENUE EAST, 3RD FLOOR
TORONTO, ONTARIO, CANADA M4T 1M2

DISCIPLINARY COMPETENCIES
DRY DEPOSITION
TURBULENCE MEASUREMENTS
WEATHER FORECAST

131 MCILVEEN, WILLIAM D. 705/675-4501
PLANT PATHOLOGIST
ONTARIO MINISTRY OF THE ENVIRONMENT
199 LARCH STREET, 11TH FLOOR
SUDBURY, ONTARIO, CANADA P3E 5P9

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY
ECOLOGY

132 MCLEAN, RONALD A. N. 514/457-6810
MANAGER, ENVIRONMENTAL SERVICES
DOMTAR INCORPORATED
CENTRE DE RECHERCHES
SORTIE 40, TRANS CANADIENNE
SENNEVILLE, QUEBEC, CANADA H9X 3L7

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
FORESTRY
TOXIC METALS

133 MCMILLAN, A.C. 416/231-4111
ATMOSPHERIC PHYSICIST EXT. 6866
ONTARIO HYDRO
800 KIPLING
TORONTO, ONTARIO, CANADA M8Z 5S4

DISCIPLINARY COMPETENCIES
ATMOSPHERIC MODELING
NUMERICAL ANALYSIS
MESOSCALE METEOROLOGY
EXPERIMENTAL METEOROL. TECHNIQUES

134 MCNICOL, DON 613/998-4693
BIOLOGIST
CANADIAN WILDLIFE SERVICE
ENVIRONMENT CANADA, ONTARIO REGION
1725 WOODWARD DRIVE
OTTAWA, ONTARIO, CANADA K1A 0E2

DISCIPLINARY COMPETENCIES
AVIAN ECOLOGY

135 MELO, OCTAVIO T. 416/231-4111
SUPERVISING ENGINEER
ONTARIO HYDRO
800 KIPLING AVENUE
TORONTO, ONTARIO, CANADA M8Z 5S4

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
REGIONAL AIR QUALITY MONITORING

136 MIERLE, GREG 416/248-3058
RESEARCH SCIENTIST
ONTARIO MINISTRY OF ENVIRONMENT
P.O. BOX 213
REXDALE, ONTARIO, CANADA M9W 5L1

DISCIPLINARY COMPETENCIES
ALGAL PHYSIOLOGY

137 MISRA, P. K. 416/965-5068
HEAD, ATMOSPHERIC MODEL DEVELOPMENT UNIT
AIR RESOURCES BRANCH
ONTARIO MINISTRY OF ENVIRONMENT
880 BAY ST., 4TH FLOOR
TORONTO, ONTARIO, CANADA M5S 1Z8

DISCIPLINARY COMPETENCIES
ATMOSPHERIC TRANSPORT
DISPERSION MODEL DEVELOPMENT

138 MORRISON, IAN K. 705/949-9461
RESEARCH SCIENTIST
CANADIAN FORESTRY SERVICE
GREAT LAKES FOREST RESEARCH CENTRE
P.O. BOX 490
SAULT STE MARIE, ONTARIO P6A 5M7
CANADA

DISCIPLINARY COMPETENCIES
FORESTRY

139 MOSS, WENDY 416/248-3008
ACID RAIN SCIENTIST
LABORATORY SERVICES BRANCH- MICROBIOLOGY
ONTARIO MINISTRY OF THE ENVIRONMENT
P.O. BOX 213
REXDALE, ONTARIO, CANADA M7W 5L1

DISCIPLINARY COMPETENCIES
LEAF DECOMPOSITION
MICROBIAL SULFATE REDUCTION
IN SEDIMENTS

140 MUNN, R.E. 416/978-2997
INSTITUTE FOR ENVIRONMENTAL STUDIES
UNIVERSITY OF TORONTO
TORONTO, ONTARIO, CANADA M5S 1A4

DISCIPLINARY COMPETENCIES
AIR POLLUTION

141 NEGUSANTI, JOHN J. 705/675-4501
ASSISTANT PLANT PATHOLOGIST
ONTARIO MINISTRY OF THE ENVIRONMENT
11TH FLOOR, 199 LARCH STREET
SUDBURY, ONTARIO, CANADA P3E 5P9

DISCIPLINARY COMPETENCIES
FORESTRY

142 NERO, REDWOOD WILLIAM 416/828-5304
DEPARTMENT OF ZOOLOGY
UNIVERSITY OF TORONTO
ERINDALE CAMPUS
MISSISSAUGA, ONTARIO, CANADA L5L 1C6

DISCIPLINARY COMPETENCIES
FRESHWATER INVERTEBRATES-MYSIDS

143 NEUMANN, HAROLD H. 416/667-4954
RESEARCH SCIENTIST
ATMOSPHERIC ENVIRONMENT SERVICE
4905 DUFFERIN STREET
DOWNSVIEW, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
METEOROLOGY

144 NICOLSON, JOHN A. 705/949-9461
RESEARCH SCIENTIST
DEPARTMENT OF ENVIRONMENT
CANADIAN FORESTRY SERVICE
GREAT LAKES FOREST RESEARCH CENTRE
BOX 490
SAULT STE MARIE, ONTARIO P6A 5M7
CANADA

DISCIPLINARY COMPETENCIES
FOREST HYDROLOGY

145 OLSON, MARVIN P. 416/667-4903
HEAD, MODELLING AND APPLICATIONS SECTION
ATMOSPHERIC ENVIRONMENT SERVICE
4905 DUFFERIN STREET
DOWNSVIEW, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
METEOROLOGY
NUMERICAL MODELLING

146 ORMROD, DOUGLAS P. 519/824-4120
PROFESSOR
UNIVERSITY OF GUELPH
GUELPH, ONTARIO, CANADA N1G 2W1

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY

147 OZBURN, GEORGE W. 807/345-2121
PROFESSOR OF BIOLOGY
DEPARTMENT OF BIOLOGY
LAKEHEAD UNIVERSITY
THUNDER BAY, ONTARIO, CANADA P7B 5E1

DISCIPLINARY COMPETENCIES
FISHERIES BIOLOGY

148 PETERS, T. H. 705/682-4759
AGRICULTURIST, INCO METALS CO.
COPPER CLIFF, ONTARIO, CANADA P0M 1N0

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
CROP SCIENCE

149 PICHE, E. W. 416/965-2214
COORDINATOR, ACID PRECIPITATION
IN ONTARIO STUDY
ONTARIO MINISTRY OF ENVIRONMENT
6TH FLOOR, 40 ST. CLAIR AVENUE WEST
TORONTO, ONTARIO, CANADA M4V 1M2

DISCIPLINARY COMPETENCIES
CHEMISTRY
PHYSICS

150 PIERCE, RONALD C. 613/996-6542
RESEARCH COUNCIL OFFICER
NATIONAL RESEARCH COUNCIL OF CANADA
100 SUSSEX DRIVE
OTTAWA, ONTARIO, CANADA K1A 0R6

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
ENVIRONMENTAL EFFECTS

151 PITBLADO, J. ROGER 705/675-1151
ASSOCIATE PROFESSOR EXT. 384
GEOGRAPHY DEPARTMENT
LAURENTIAN UNIVERSITY
SUDBURY, ONTARIO, CANADA P3E 2C6

DISCIPLINARY COMPETENCIES
GEOGRAPHY
GEOCHEMISTRY

152 PORTELLI, RONALD V. 416/630-6331
DIRECTOR, MODELLING AND AIR QUALITY
ASSESSMENTS
CONCORD SCIENTIFIC CORPORATION
2 TIPPETT ROAD
DOWNSVIEW, ONTARIO, CANADA M3H 2V2

DISCIPLINARY COMPETENCIES
AIR POLLUTION METEOROLOGY
EXPERIMENTAL STUDIES
MODELLING

153 PUCKETT, K. J.
RESEARCH SCIENTIST
ATMOSPHERIC ENVIRONMENT SERVICE
ENVIRONMENT CANADA
4905 DUFFERIN STREET
DOWNSVIEW, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS
BOTANY

154 REID, J. D. 416/667-4789
CHIEF, BOUNDARY LAYER RESEARCH DIVISION
ATMOSPHERIC ENVIRONMENT SERVICE
4905 DUFFERIN STREET
DOWNSVIEW, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
AIR POLLUTION METEOROLOGY
BOUNDARY LAYER METEOROLOGY
MODELLING

155 REID, NEVILLE W. 416/630-6331
PROJECT SCIENTIST
CONCORD SCIENTIFIC CORPORATION
2 TIPPETT ROAD
DOWNSVIEW, ONTARIO, CANADA M3H 2V2

DISCIPLINARY COMPETENCIES
CHEMICAL KINETICS
COMPUTER SIMULATIONS

156 RIETVELD, HENK 705/789-9611
FISH BIOLOGIST, ALGONQUIN REGION
MINISTRY OF NATURAL RESOURCES
BRENDALE SQUARE, P.O. BOX 9000
HUNTSVILLE, ONTARIO, CANADA P0A 1K0

DISCIPLINARY COMPETENCIES
CONTROL TECHNOLOGIES

157 RIVERS, M. E. 819/997-1647
DIRECTOR GENERAL
AIR POLLUTION CONTROL DIRECTORATE
ENVIRONMENT CANADA
12TH FLOOR, PLACE VINCENT MASSEY
OTTAWA, ONTARIO, CANADA K1A 1C8

DISCIPLINARY COMPETENCIES
POLICY AND REGULATORY OPTIONS

158 ROSS, R. K. 613/998-4693
WILDLIFE BIOLOGIST
CANADIAN WILDLIFE SERVICE
ENVIRONMENT CANADA, ONTARIO REGION
1725 WOODWARD DRIVE
OTTAWA, ONTARIO, CANADA K1A 0E7

DISCIPLINARY COMPETENCIES
AVIAN ECOLOGY

159 ROTHSCHILD, HENRI 613/992-9924
HEAD, OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENERGY
MINES AND RESOURCES
580 BOOTH STREET, 20TH FLOOR
OTTAWA, ONTARIO, CANADA K1A 0E4

DISCIPLINARY COMPETENCIES
GEOLOGIST
ENERGY TECHNOLOGIES
MINERAL POLICY ASPECTS OF ACID RAIN

160 SCHEIDER, W. A. 416/248-3085
SCIENTIST
ONTARIO MINISTRY OF ENVIRONMENT
RESOURCES ROAD, P.O. BOX 213
REXDALE, ONTARIO, CANADA M9W 5L2

DISCIPLINARY COMPETENCIES
LIMNOLOGY
HYDROLOGY

161 SHILTS, WILLIAM W. 613/995-4523
HEAD, SEDIMENTOLOGY AND MINERAL TRACING
TERRAIN SCIENCES DIVISION
GEOLOGICAL SURVEY OF CANADA
601 BOOTH STREET
OTTAWA, ONTARIO, CANADA K1A 0E8

DISCIPLINARY COMPETENCIES
QUATERNARY GEOLOGY
GEOCHEMISTRY
SEDIMENTARY PETROLOGY

162 SIBUL, U. 416/965-6995
HEAD, RESOURCE ASSESSMENT GROUP
HYDROLOGY AND MONITORING SECTION
WATER RESOURCES BRANCH
ONTARIO MINISTRY OF ENVIRONMENT
135 ST. CLAIR AVENUE, W.
TORONTO, ONTARIO, CANADA M4V 1P4

DISCIPLINARY COMPETENCIES
GROUND WATER (HYDROGEOLOGY)
HYDROLOGY

163 STEIN, ROBERT E. 613/232-2244
PRESIDENT
ENVIRONMENTAL MEDIATION INTERNATIONAL
171 NEPEAN ST., SUITE 200
OTTAWA, ONTARIO, CANADA K2P 0B4

DISCIPLINARY COMPETENCIES
INTERNATIONAL LAW AND POLICY

164 STEVENS, R. D. SAMUEL 416/630-6331
VICE PRESIDENT
CONCORD SCIENTIFIC CORPORATION
2 TIPPETT ROAD
DOWNSVIEW, ONTARIO, CANADA M3H 2V2

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
CONTROL TECHNOLOGIES
MONITORING/FIELD MEASUREMENTS

165 STILL, MALCOLM E.
HEAD, NETWORKS AND SURVEYS SECTION
ATMOSPHERIC ENVIRONMENT SERVICE
4905 DUFFERIN STREET
DOWNSVIEW, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
DATA ANALYSIS, ENGINEERING,
NETWORK DESIGN AND MANAGEMENT

166 STOKES, PAMELA 416/978-6526
PROFESSOR
INSTITUTE FOR ENVIRONMENTAL STUDIES
UNIVERSITY OF TORONTO
HAULTAIN BUILDING
TORONTO, ONTARIO, CANADA M5S 1A6

DISCIPLINARY COMPETENCIES
BOTANY (PHYCOLOGY)
LIMNOLOGY
TOXICOLOGY

167 SUMMER, PETER W. 416/667-4796
SENIOR RESEARCH SCIENTIST
ATMOSPHERIC ENVIRONMENT SERVICE
4905 DUFFERIN STREET
TORONTO, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
CLOUD PHYSICS
METEOROLOGY-AIR POLLUTION
SYNOPTIC METEOROLOGY
WEATHER MODIFICATION

168 TANG, AL 416/965-1634
DATA ANALYST
ATMOSPHERIC RESEARCH AND SPECIAL
AIR RESOURCES BRANCH
MINISTRY OF ENVIRONMENT
880 BAY STREET, 4TH FLOOR
TORONTO, ONTARIO, CANADA M5S 1Z8

DISCIPLINARY COMPETENCIES
MATHEMATICAL MODELS
STATISTICAL ANALYSIS

169 THOMPSON, MARY E. 416/637-4513
RESEARCH SCIENTIST
NATIONAL WATER RESEARCH INSTITUTE
CANADA CENTRE FOR INLAND WATERS
BOX 5050
BURLINGTON, ONTARIO, CANADA L7R 4A6

DISCIPLINARY COMPETENCIES
INORGANIC GEOCHEMISTRY

170 VENA, FRANK 819/997-3352
CHIEF, POLLUTION DATA ANALYSIS DIVISION
AIR POLLUTION CONTROL DIRECTORATE
ENVIRONMENT CANADA
PLACE VICENT MASSEY, 12TH FLOOR
OTTAWA, ONTARIO, CANADA K1A 1C8

DISCIPLINARY COMPETENCIES
EMISSIONS

171 VET, ROBERT J. 416/630-6331
SENIOR PROJECT SCIENTIST
CONCORD SCIENTIFIC CORPORATION
2 TIPPETT ROAD
DOWNSVIEW, ONTARIO, CANADA M3H 2V2

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICS

172 VILLARD, SERGE 416/248-3512
LAB, MANAGER, WATER QUALITY SECTION
ONTARIO MINISTRY OF THE ENVIRONMENT
P.O. BOX 213
REXDALE, ONTARIO, CANADA M9W 5L1

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY

173 VOLDNER, EVA C. 416/667-4801
RESEARCH SCIENTIST
ATMOSPHERIC ENVIRONMENT SERVICE
4905 DUFFERIN ST.
DOWNSVIEW, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
CHEMISTRY
FLUID DYNAMICS
MODELLING

174 WARNER, RICHARD M.
ABATEMENT STRATEGY CO-ORDINATOR- APIOS
ONTARIO MINISTRY OF THE ENVIRONMENT
135 ST. CLAIR AVENUE WEST
TORONTO, ONTARIO, CANADA

DISCIPLINARY COMPETENCIES
ECONOMICS
ENVIRONMENTAL STUDIES

175 WEISMAN, BORIS
VICE-PRESIDENT
METEOROLOGICAL AND ENVIRON. PLANNING LTD
850 MAGNETIC DRIVE
DOWNSVIEW, ONTARIO, CANADA M3J 2C4

DISCIPLINARY COMPETENCIES
METEOROLOGY
MODELING OF LRTAP

176 WHELPDALE, DOUGLAS M. 416/667-4903
ATMOSPHERIC ENVIRONMENT SERVICE
4905 DUFFERIN STREET
DOWNSVIEW, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICS AND CHEMISTRY
(ACIDIC PRECIPITATION, LONG-RANGE
TRANSPORT)

177 WHITLOW, SIMON 819/997-3422
HEAD, DATA SYSTEMS SECTION
WATER QUALITY BRANCH
ENVIRONMENT CANADA
7TH FLOOR, PLACE VINCENT MASSEY
OTTAWA, ONTARIO, CANADA K1A 0E7

DISCIPLINARY COMPETENCIES
CHEMISTRY
COMPUTER SCIENCE
MATHEMATICS

178 WIEBE, ALLAN 416/667-4797
RESEARCH SCIENTIST
ATMOSPHERIC ENVIRONMENT SERVICE
4905 DUFFERIN STREET
DOWNSVIEW, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
WET AND DRY DEPOSITION
ATMOSPHERIC TRANSPORT

179 YAN, NORMAN D. 416/248-3058
SCIENTIST
LIMNOLOGY AND TOXICITY SECTION
ONTARIO MINISTRY OF THE ENVIRONMENT
P. O. BOX 213
REXDALE, ONTARIO, CANADA M9W 5L1

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY

180 YOUNG, JAMES W.S. 416/667-4610
ACTING CHIEF
AIR QUALITY MONITORING AND ASSESSMENT,
ATMOSPHERIC ENVIRONMENT SERVICE
4905 DUFFERIN ST.
DOWNSVIEW, ONTARIO, CANADA M3H 5T4

DISCIPLINARY COMPETENCIES
LRTAP MODELLING
CONTROL SCENARIO OPTIMIZATION

181 YOUNG, MICHAEL 416/248-3008
PROJECT SUPERVISOR
LABORATORY SERVICES BRANCH,
MICROBIOLOGY SECTION
ONTARIO MINISTRY OF THE ENVIRONMENT
P.O. BOX 213
REXDALE, ONTARIO, CANADA M9W 5L1

DISCIPLINARY COMPETENCIES
MICROBIOLOGY

## QUEBEC

182 AUCLAIR, J.C. 418/657-2961
PROFESSEUR
INRS-EAU, UNIVERSITE DU QUEBEC
2700 RUE EINSTEIN, C.P. 7500
STE-FOY, QUEBEC, CANADA G1V 4C7

DISCIPLINARY COMPETENCIES
BIOLOGY
PHYTOPLANKTON PHYSIOLOGY

183 BOBEE, BERNARD 418/871-0553
PROFESSOR
INRS-EAV, UNIVERSITY OF QUEBEC
C.P. 7500
STE FOY, QUEBEC, CANADA G1V 4C7

DISCIPLINARY COMPETENCIES
DATA ANALYSIS
MONITORING/FIELD MEASUREMENTS

184 DAVIES, DAVID 514/638-7952
RESEARCH SCIENTIST
ATMOSPHERIC ENVIRONMENT SERVICE- CANADA
5TH FLOOR, WEST ISLE OFFICE TOWER,
2121 TRANS-CANADA HIGHWAY
DORVAL, QUEBEC, CANADA H9P 1J3

DISCIPLINARY COMPETENCIES
NUMERICAL MODELLING
NUMERICAL WEATHER PREDICATION
UNCERTAINTY PROBLEM IN MODELLING

185 DESGRANGES, JEAN-LUC 418/694-3914
RESEARCH SCIENTIST
CANADIAN WILDLIFE SERVICE,
ENVIRONMENT CANADA
2700 LAURIER BOULEVARD, P.O. BOX 10100
STE-FOY, QUEBEC, CANADA GIV 4H5

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS

186 FORTIN, JEAN-PIERRE 418/657-2281
PROFESSOR
INRS-EAU, UNIVERSITY OF QUEBEC
2700, RUE EINSTEIN, C.P. 7500
STE FOY, QUEBEC, CANADA G1V 4C7

DISCIPLINARY COMPETENCIES
METEOROLOGY
LRTAP MODELS

187 GILBERT, RICHARD 514/333-3020
AIR QUALITY METEOROLOGIST
ATMOSPHERIC ENVIRONMENT SERVICE
DOE CANADA
100 BOUL ALEXIS NILRAN
ST-LAURENT, QUEBEC, CANADA H4M 2N8

DISCIPLINARY COMPETENCIES
ATMOSPHERIC SCIENCES

188 JONES, H.G. 418/657-2533
PROFESSEUR
INRS-EAU, UNIVERSITE DU QUEBEC
2700 RUE EINSTEIN, C.P. 7500
STE-FOY, QUEBEC, CANADA G1V 4C7

DISCIPLINARY COMPETENCIES
CHEMISTRY
BIOLOGY

189 LACHANCE, MARIUS 418/657-2624
RESEARCH SCIENTIST
INRS-EA4, UNIVERSITE DU QUEBEC
2700, RUE EINSTEIN, C.P. 7500
STE-FOY, QUEBEC, CANADA 61V 4C7

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY,
ATMOSPHERIC MODELING

190 LECHOWICZ, MARTIN 514/392-4683
ASSOCIATE PROFESSOR
BIOLOGY DEPARTMENT,
MCGILL UNIVERSITY
1205 AVENUE DRIVE PENFIELD
MONTREAL, QUEBEC, CANADA H3A 1B1

DISCIPLINARY COMPETENCIES
PHYSIOLOGICAL PLANT ECOLOGY,
ECOLOGICAL MODELLING

191 MARIER, JEAN 514/872-6848
DIRECTOR
AIR PURIFICATION & FOOD INSPECTION SERV.
9150 BOULEVARD DE L'ACADIE
MONTREAL, QUEBEC, CANADA H4N 2T2

DISCIPLINARY COMPETENCIES
EMISSIONS
MONITORING/FIELD MEASUREMENTS
POLICY/REGULATORY OPTIONS
CONTROL TECHNOLOGIES

192 MEGRAW, STAN R. 514/457-6810
PROJECT SCIENTIST
DOMTAR, INC. RESEARCH CENTRE
C.P. 300
SENNEVILLE, QUEBEC, CANADA H9X 3L7

DISCIPLINARY COMPETENCIES
METAL CYCLING
MICROBIAL PROCESSES
TERRESTRIAL IMPACT (FORESTS)
REMEDIAL MEASURES (LIMING)

193 MOORE, TIMOTHY R. 514/392-8245
ASSOCIATE PROFESSOR
DEPARTMENT OF GEOGRAPHY
MCGILL UNIVERSITY
805 SHERBROOKE ST., W.
MONTREAL, QUEBEC, CANADA H3A 2KG

DISCIPLINARY COMPETENCIES
SOIL SCIENCE
MONITORING/FIELD MEASUREMENTS
POLICY AND REGULATORY OPTIONS

194 MOREAU, GUY 418/656-4023
PROFESSOR
DEPARTMENT OF BIOLOGY
UNIVERSITY LAVAL
STE FOY, QUEBEC, CANADA G1K 7P4

DISCIPLINARY COMPETENCIES
BENTHOS
FISH

195 OUELLET, MARCEL 418/657-2533
PROFESSOR
INRS-EAU, UNIVERSITY OF QUEBEC
2700 RUE EINSTEIN, C.P. 7500
STE-FOY, QUEBEC, CANADA G1V 4C7

DISCIPLINARY COMPETENCIES
ALGAE
GEOCHEMISTRY
LIMNOLOGY
PALEOLIMNOLOGY

196 PINEL-ALLOUL, BERNADETTE 514/343-6792
PROFESSOR
DEPARTMENT OF BIOLOGICAL SCIENCES
UNIVERSITY OF MONTREAL
C.P. 6182
MONTREAL, QUEBEC, CANADA H3C 3J7

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY
LIMNOLOGY
ZOOPLANKTON

197 PLAMONDON, ANDRE 418/656-7120
PROFESSOR
LAVAL UNIVERSITE
PAVILLON VACHON CH. 0868
STE FOY, QUEBEC, CANADA G1K 7P4

DISCIPLINARY COMPETENCIES
HYDROLOGY

198 PLANAS, DOLORS 514/282-3358
PROFESSOR
DEPARTMENT OF BIOLOGICAL SCIENCES,
UNIVERSITY OF QUEBEC- MONTREAL
C.P. 8888 A
MONTREAL, QUEBEC, CANADA H3C 3P8

DISCIPLINARY COMPETENCIES
CHEMISTRY
PRIMARY PRODUCTION

199 PUDYKIEWICZ, J. 514/683-7951
POSTDOCTORAL FELLOW
ATMOSPHERIC ENVIRONMENT SERVICE- CANADA
WEST ISLE OFFICE TOWER
2121 TRANS-CANADA HIGHWAY
DORVAL, QUEBEC, CANADA H9P 1J3

DISCIPLINARY COMPETENCIES
MESOSCALE METEOROLOGICAL
FIELDS ANALYSIS
NUMERICAL MODELLING
NUMERICAL WEATHER PREDICTION

200 ROBITAILLE, GILLES 418/658-6945
RESEARCH SCIENTIST
LAURENTIAN FOREST RESEARCH CENTER
ENVIRONMENT CANADA
CANADIAN FORESTRY SERVICE
1080 DUVALLON, BOX 3800
STE-FOY, QUEBEC, CANADA G1V 4C7

DISCIPLINARY COMPETENCIES
VEGETATION ECOLOGY
BIOLOGY
POLLUTION EFFECTS ON VEGETATION
SENSITIVITY OF VEGETATION TO FIELD
LEVELS OF POLLUTANTS
GROWTH RING STUDIES

201 TESSIER, ANDRE 418/657-2528
PROFESSOR
INRS-EAU, UNIVERSITY OF QUEBEC
C.P. 7500
STE FOY, QUEBEC, CANADA G1V 4C7

DISCIPLINARY COMPETENCIES
CHEMISTRY

## SASKATCHEWAN

202 FAULKNER, D. A.
SCIENTIFIC SERVICES METEOROLOGIST
ATMOSPHERIC ENVIRONMENT SERVICE
ENVIRONMENT CANADA
REGINA AIRPORT TERMINAL, P.O. BOX 4080
REGINA, SASKATCHEWAN, CANADA S4P 3W5

DISCIPLINARY COMPETENCIES
METEOROLOGY (LONG RANGE TRANSPORT)

203 HOPKINSON, R. F.
SCIENTIFIC SERVICES METEOROLOGIST
ATMOSPHERIC ENVIRONMENT SERVICE
ENVIRONMENT CANADA
REGINA AIRPORT TERMINAL, P.O. BOX 4080
REGINA, SASKATCHEWAN, CANADA S4P 3W5

DISCIPLINARY COMPETENCIES
METEOROLOGY (LONG RANGE TRANSPORT)

204 KOCUIBA, P. J. 306/359-5739
SCIENTIFIC SERVICES METEOROLOGIST
ATMOSPHERIC ENVIRONMENT SERVICE
ENVIRONMENT CANADA
REGINA AIRPORT TERMINAL, P.O. BOX 4080
REGINA, SASKATCHEWAN, CANADA S4P 3W5

DISCIPLINARY COMPETENCIES
METEOROLOGY (LONG RANGE TRANSPORT)

205 LECHNER, LARRY J. 306/565-6195
DIRECTOR, AIR POLLUTION CONTROL BRANCH
SASKATCHEWAN ENVIRONMENT
5TH FLOOR, 1855 VICTORIA AVENUE
REGINA, SASKATCHEWAN, CANADA S4P 3V5

DISCIPLINARY COMPETENCIES
CIVIL ENGINEERING
AIR POLLUTION CONTROL AND REGULATION

206 LIAW, W. K. 306/664-5760
FISHERY ECOLOGIST II
DEPT. OF TOURISM & RENEWABLE RESOURCES
SASKATCHEWAN FISHERIES LABORATORY
30 CAMPUS DRIVE
SASKATOON, SASKATCHEWAN, CANADA S7N 0X1

DISCIPLINARY COMPETENCIES
LIMNOLOGY
FISHERY BIOLOGY

207 MAYBANK, JOHN 306/664-5417
HEAD, PHYSICS DIVISION
SASKATCHEWAN RESEARCH COUNCIL
30 CAMPUS DRIVE
SASKATOON, SASKATCHEWAN, CANADA S7N 0X1

DISCIPLINARY COMPETENCIES
PHYSICS
METEOROLOGY

208 SHEWCHUK, S.R. 306/664-5437
SENIOR RESEARCH SCIENTIST
SASKATCHEWAN RESEARCH COUNCIL
30 CAMPUS DRIVE
SASKATOON, SASKATCHEWAN, CANADA S7N 0X1

DISCIPLINARY COMPETENCIES
AIR CHEMISTRY
METEOROLOGY
PHYSICS

# UNITED STATES

## ALABAMA

209 BOYD, CLAUDE E. 205/826-4078
PROFESSOR
DEPT. OF FISHERIES AND ALLIED AQUACULTURES
AUBURN UNIVERSITY
AUBURN, ALABAMA 36849

DISCIPLINARY COMPETENCIES
HYDROLOGY
WATER QUALITY

210 CLARK, ROBERT E. 205/383-2117
METEOROLOGICAL CONSULTANT
AC-CU-MET
2100 MARIETTA AVENUE
MUSCLE SHOALS, ALABAMA 35660

DISCIPLINARY COMPETENCIES
DATA ANALYSIS/SUMMARIES
METEOROLOGICAL PREDICTIONS

211 CRAWFORD, TIMOTHY L. 205/386-2788
PROJECT MANAGER
AIR QUALITY BRANCH/TVA
206 CEB
MUSCLE SHOALS, ALABAMA 35660

DISCIPLINARY COMPETENCIES
AIR RESOURCES

212 JANSEN, JOHN J. 205/877-7698
RESEARCH SPECIALIST
SOUTHERN COMPANY SERVICES, INC.
P.O. BOX 2625
BIRMINGHAM, ALABAMA 35202

DISCIPLINARY COMPETENCIES
METEOROLOGY
ATMOSPHERIC CHEMISTRY

213 JONES, HERBERT C. 205/386-2342
SUPERVISOR, RESEARCH SECTION
AIR RESOURCES PROGRAM
TENNESSEE VALLEY AUTHORITY
RIVER OAKS BUILDING
MUSCLE SHOALS, ALABAMA 35660

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SCIENCES
AIR POLLUTION EFFECTS
PLANT PHYSIOLOGY
ECOLOGY

214 MEAGHER, JAMES F. 205/386-2788
RESEARCH ANALYST
TENNESSEE VALLEY AUTHORITY
219 CEB RIVER OAKS BUILDING
MUSCLE SHOALS, ALABAMA 35660

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
KINETICS
PHOTOCHEMISTRY

215 MORRISON, RICHARD A. 205/362-0206
ASSOCIATE PROF. OF PHYSICS
TALLADEGA COLLEGE
TALLADEGA, ALABAMA 35160

DISCIPLINARY COMPETENCIES
PHYSICS
ULTRA HIGH VACUUM TECHNOLOGY
ATMOSPHERIC SCIENCE
PHYSICAL CHEM. OF ATMOS AEROSOLS

216 MUELLER, STEPHEN F. 205/386-2788
ENVIRONMENTAL SCIENTIST
TENNESSEE VALLEY AUTHORITY
CEB
MUSCLE SHOALS, ALABAMA 35660

DISCIPLINARY COMPETENCIES
COMPUTER MODELING
METEOROLOGY

217 NOGGLE, J. C. 205/386-2341
BIOLOGIST
TENNESSEE VALLEY AUTHORITY
55 RIVER OAKS BUILDING
MUSCLE SHOALS, ALABAMA 35660

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY

218 PARKHURST, WILLIAM J. 205/386-2555
ENVIRONMENTAL SCIENTIST
AIR RESOURCES PROGRAM
TENNESSEE VALLEY AUTHORITY
RIVER OAKS BUILDING
MUSCLE SHOALS, ALABAMA 35660

DISCIPLINARY COMPETENCIES
AIR QUALITY MONITORING
DATA ANALYSIS

219 REISINGER, LAWRENCE M. 205/386-2788
ENVIRONMENTAL SCIENTIST
TENNESSEE VALLEY AUTHORITY
207 CEB
MUSCLE SHOALS, ALABAMA 35660

DISCIPLINARY COMPETENCIES
AIR POLLUTION
MATHEMATICS
METEOROLOGY

Preceding page blank

220 YOUNG, RICHARD C. 205/386-2067
AQUATIC TOXICOLOGIST
DEPARTMENT OF ECOLOGY
USTVA-FISHING AND AQUATIC ECOLOGY BRANCH
MUSCLE SHOALS, ALABAMA 35660

DISCIPLINARY COMPETENCIES
AQUATIC TOXICOLOGY
LIMNOLOGY

## ALASKA

221 GOSINK, THOMAS A. 907/474-7430
GEOPHYSICAL INSTITUTION
UNIVERSITY OF ALASKA
FAIRBANKS, ALASKA 99701

DISCIPLINARY COMPETENCIES
ORGANIC AND ANALYTICAL CHEMISTRY
TRACE ELEMENTS
TRACE GASES

222 HILGERT, J. W. 907/474-7443
AQUATIC BIOLOGIST
INSTITUTE OF NORTHERN FORESTRY
USDA-FOREST SERVICE
308 TANANA
FAIRBANKS, ALASKA 99701

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY
HYDROLOGY
WATERSHED MANAGEMENT

223 SHAW, GLENN E. 907/474-7625
PROFESSOR
GEOPHYSICAL INSTITUTE
UNIVERSITY OF ALASKA
FAIRBANKS, ALASKA 99701

DISCIPLINARY COMPETENCIES
MICROPHYSICAL PROPERTIES OF AEROSOLS

224 SLAUGHTER, C. W. 907/474-7443
PRINCIPAL WATERSHED SCIENTIST
INSTITUTE OF NORTHERN FORESTRY
USDA-FOREST SERVICE
308 TANANA
FAIRBANKS, ALASKA 99701

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY
HYDROLOGY
WATERSHED MANAGEMENT

## ARIZONA

225 BHARDWAJA, PREM S. 602/273-2860
SENIOR ENVIRONMENTAL ANALYST
SALT RIVER PROJECT
P.O. BOX 1980
PHOENIX, ARIZONA 85001

DISCIPLINARY COMPETENCIES
ATOMS CHEM, TRANSPORT AND DEPOSITION
PHYSICS AND CHEMISTRY OF AEROSOL

226 BOHN, HINRICH L. 602/626-4674
PROFESSOR
DEPT. OF SOILS, WATER, AND ENGINEERING
UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY

227 BURNS, JENNIFER M. 602/638-2411
RESOURCES MANAGEMENT SPECIALIST / NPS
RESOURCE MANAGEMENT DIVISION
GRAND CANYON NATIONAL PARK
GRAND CANYON, ARIZONA 86023

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS

228 FERNANDO, QUINTUS 602/626-2105
PROFESSOR
DEPARTMENT OF CHEMISTRY
UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY

229 GERKING, SHELBY D. 602/965-2540
PROFESSOR OF ZOOLOGY
DEPARTMENT OF ZOOLOGY
ARIZONA STATE UNIVERSITY
TEMPE, ARIZONA 85282

DISCIPLINARY COMPETENCIES
FISH-PRODUCTION, PHYSIOLOGY, ECOLOGY, REPRODUCTION

230 HAASE, EDWARD F. 602/234-8122
COORDINATOR
LAND USE AND RECLAMATION
PHELPS DODGE CORPORATION
2600 N. CENTRAL AVENUE
PHOENIX, ARIZONA 85004

DISCIPLINARY COMPETENCIES
AIR POLLUTION EFFECTS ON PLANTS
PLANT ECOLOGY

231 MOVERS, JARVIS L. 602/626-3180
DIRECTOR
UNIVERSITY ANALYTICAL CENTRE
DEPARTMENT OF CHEMISTRY
UNIVERSITY OF ARIZONA
TUCSON, ARIZONA

DISCIPLINARY COMPETENCIES
CHEMISTRY

232 REUSS, JOHN O. 602/745-0455
PROFESSOR OF AGRONOMY
COLORADO STATE UNIVERSITY
CONSORTIUM FOR INTERNATIONAL DEVELOPMENT
5151 E. BDWY SUITE 1500
TUCSON ARIZONA 85711

DISCIPLINARY COMPETENCIES
ECOLOGICAL MODELLING
NUTRIENT CYCLING
SOIL CHEMISTRY

233 SMITH, HAROLD J. 602/387-6849
SUPERINTENDENT
ORGAN PIPE CACTUS NATIONAL MONUMENT
ROUTE 1, BOX 100
AJO, ARIZONA

DISCIPLINARY COMPETENCIES
PARK RESOURCES MANAGEMENT

## ARKANSAS

234 FRENCH, WYNNE JR. 501/226-6548
TREE IMPROVEMENT FORESTER
POTLATCH CORPORATION
P.O. BOX 390
WARREN, ARKANSAS 71671

DISCIPLINARY COMPETENCIES
PLANT BREEDING

235 LAWSON, EDWIN R. 501/521-5695
PROJECT LEADER
U.S. FOREST SERVICE,
SOUTHERN FOREST EXPERIMENT STATION
830 FAIRVIEW STREET
FAYETTEVILLE, ARKANSAS 72701

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

236 STEELE, KENNETH F. 501/575-3410
ASSISTANT PROFESSOR
DEPARTMENT OF GEOLOGY
UNIVERSITY OF ARKANSAS
118 OZARK HALL
FAYETTEVILLE, ARKANSAS 72701

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY

237 THOMPSON, LYELL F. 501/575-2355
PROFESSOR OF SOIL FERTILITY
AND FERTILIZERS
UNIVERSITY OF ARKANAS
AGRONOMY DEPARTMENT
115 SCIENCE BLDG.
FAYETTEVILLE, ARKANSAS 72701

DISCIPLINARY COMPETENCIES
CHEMISTRY
PLANT PRODUCTION
SOIL FERTILITY

238 WAGNER, GEORGE H. 501/575-3355
ADJ. PROF., GEOLOGY DEPT.
UNIVERSITY OF ARKANSAS
FAYETTEVILLE, ARKANSAS 72701

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY

239 WHEELER, LAURIN 501/575-2603
ASSISTANT PROFESSOR
UNIVERSITY OF ARKANSAS
316 PLANT SCIENCES
FAYETTEVILLE, ARKANSAS 72701

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
MODELING PLANT GROWTH RESPONSES
QUANTITATIVE ANALYSIS

## CALIFORNIA

240 APPEL, BRUCE R. 415/540-2477
GROUP LEADER, ATOMS. RESEARCH GROUP
CALIFORNIA DEPT. OF HEALTH SERVICES
2151 BERKELEY WAY 1
BERKELEY, CALIFORNIA 94707

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

241 BABOOLAL, LAL B. 213/445-6400
ASSOC DIRECTOR, ENVIRON. ENGINEERING
TETRA TECH, INC
630 N. ROSEMEAD BLVD.
PASADENA, CALIFORNIA 91107

DISCIPLINARY COMPETENCIES
CLOUD PHYSICS
METEOROLOGY

242 BALSON, WILLIAM E. 415/960-3450
ASSOCIATE
DECISION FOCUS INCORPORATED
LOS ALTOS OFFICE CENTER
4984 EL CAMINO REAL, SUITE 200
LOS ALTOS, CALIFORNIA 94022

DISCIPLINARY COMPETENCIES
DECISION AND SYSTEMS ANALYSIS
ECONOMICS

243 BANCROFT, LARRY 209/565-3341
CHIEF, RESOURCES MANAGEMENT
SEQUOIA AND KINGS CANTON NATIONAL PARKS
THREE RIVERS, CALIFORNIA 93271

DISCIPLINARY COMPETENCIES
ECOLOGY
RESOURCES MANAGEMENT

244 BENNER, W. HENRY 415/486-5319
STAFF SCIENTIST
LAWRENCE BERKELEY LABORATORY
BUILDING 73, 1 CYCLOTRON ROAD
BERKELEY, CALIFORNIA 94720

DISCIPLINARY COMPETENCIES
AEROSOL CHEMISTRY
ANALYTICAL CHEMISTRY

245 BHUMRALKAR, CHANDRAKANT 415/859-3191
DIRECTOR, MODEL DEVELOPMENT PROGRAM
ATMOSPHERIC SCIENCE CENTER
SRI INTERNATIONAL
333 RAVENSWOOD AVENUE
MENLO PARK, CALIFORNIA 94025

DISCIPLINARY COMPETENCIES
AIR POLLUTION
CLIMATE
METEOROLOGY
NUMERICAL MODELING
REGIONAL AND MESOSCALE AIR QUALITY RESEARCH

246 BINGHAM, GAIL 415/422-6810
ENVIRONMENTAL SCIENTIST
LAWRENCE LIVERMORE NATIONAL LAB
P.O. BOX 5507, STOP L-524
LIVERMORE, CALIFORNIA 94550

DISCIPLINARY COMPETENCIES
MICROMETEOROLOGY
PLANT PHYSIOLOGY

247 BLUMENTHAL, DONALD L. 707/527-9372
PRESIDENT
SONOMA TECHNOLOGY, INC.
3402 MENDOCINO AVENUE
SANTA ROSA, CALIFORNIA 95401

DISCIPLINARY COMPETENCIES
AEROSOLS
ATMOSPHERIC CHEMISTRY
POLLUTANT TRANSPORT

248 BOYD, DEAN W. 415/960-3450
PRESIDENT
DECISION FOCUS INCORPORATED
LOS ALTOS OFFICE CENTER
4984 EL CAMINO REAL, SUITE 200
LOS ALTOS, CALIFORNIA 94022

DISCIPLINARY COMPETENCIES
DECISION AND SYSTEMS ANALYSIS
ECONOMICS

249 BRADFORD, GORDON 714/787-5109
DEPT. OF SOIL AND ENVIRONMENTAL SCIENCES
UNIVERSITY OF CALIFORNIA
RIVERSIDE, CALIFORNIA 92521

DISCIPLINARY COMPETENCIES
WATER CHEMISTRY

250 BREWER, ROBERT L. 213/992-4103
ATOMSPHERIC CHEMIST
GLOBAL GEOCHEMISTRY CORP, BOX 2194
6919 ETON AVENUE
CANOGA PARK, CALIFORNIA 91303

DISCIPLINARY COMPETENCIES
MANUFACTURE OF ACID PRECIPITATION COLLECTORS AND RECORDERS

251 BROCKSEN, ROBERT W. 415/855-2749
ECOLOGICAL STUDIES PROGRAM MANAGER
ELECTRIC POWER RESEARCH INSTITUTE
3412 HILLVIEW AVENUE
PALO ALTO, CALIFORNIA 94303

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY
TERRESTRIAL ECOLOGY

252 BURAU, RICHARD G. 916/752-0194
PROFESSOR OF SOIL SCIENCE AND ENVIRON. TOXICOLOGY
LAWR, UNIVERSITY OF CALIFORNIA
DAVIS, CALIFORNIA 95616

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL CHEMISTRY
ENVIRONMENTAL TOXICOLOGY
SOIL CHEMISTRY

253 BURCH, DARRELL E. 714/759-5756
STAFF SCIENTIST
AERONUTRONIC DIVISION
FORD AEROSPACE & COMMUNICATIONS CORP.
FORD ROAD
NEWPORT BEACH, CALIFORNIA 92660

DISCIPLINARY COMPETENCIES
DESIGN AND DEVELOPMENT OF GAS MONITORS WITH INFRARED ABSORPTION PROPERTIES
STUDY OF INFRARED ABSORPTION OF POLLUTANT GASES

254 BURGY, ROBERT H. 916/752-2503
PROFESSOR OF WATER SCIENCE AND CIVIL ENG
DEPARTMENT OF LAND, AIR AND WATER RES.
UNIVERSITY OF CALIFORNIA AT DAVIS
DAVIS, CALIFORNIA 95616

DISCIPLINARY COMPETENCIES
HYDROLOGY
WATER RESOURCES ENGINEERING

255 CHEN, CARL W. 415/283-3771
VICE PRESIDENT
TETRA TECH, INC.
3746 MT. DIABLO BOULEVARD
LAFAYETTE, CALIFORNIA 94549

DISCIPLINARY COMPETENCIES
PROGRAM MANAGEMENT
MATHEMATICAL SIMULATION MODELING

256 COLOME, STEVEN D. 714/833-5574
ASSISTANT PROFESSOR
PROGRAM IN ECOLOGY
UNIVERSITY OF CALIFORNIA
IRVINE, CALIFORNIA 92717

DISCIPLINARY COMPETENCIES
ATMOSPHERIC MONITORING
CHEMISTRY
ENVIRONMENTAL HEALTH

257 CONNICK, ROBERT E. 415/642-4981
PROFESSOR, DEPT. OF CHEMISTRY
UNIVERSITY OF CALIFORNIA
BERKELEY, CALIFORNIA 94720

DISCIPLINARY COMPETENCIES
PHYSICAL INORGANIC CHEMISTRY
KINETICS AND MECHANISMS OF REACTIONS
NMR AND RAMAN SPECTROSCOPY

258 COUNTESS, RICHARD J. 805/497-0821
SENIOR SCIENTIFIC CONSULTANT
ENVIRONMENTAL RESEARCH OF TECHNOLOGY,INC
SUITE 360, 2625 TOWNSGATE ROAD
WESTLAKE VILLAGE, CALIFORNIA 91361

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION

259 DAMSCHEN, DONALD E. 213/647-1608
TECHNICAL STAFF MEMBER
THE AEROSPACE CORPORATION
P.O. BOX 91957 MAIL STATION M2/253
LOS ANGELES, CALIFORNIA 90009

DISCIPLINARY COMPETENCIES
AQUEOUS PHASE KINETICS

260 DEAN, DAVID J. 415/283-3771
AGRICULTURAL ENGINEER
TETRA TECH, INC.
3746 MT. DIABLO BLVD. NO.300
LAFAYETTE, CALIFORNIA 94549

DISCIPLINARY COMPETENCIES
HYDROLOGY IN NON-URBAN ENVIRONMENTS
MODELING OF ACID/BASE CHEMISTRY

261 ELSEEWI, AHMED A. 714/787-4326
ASSOCIATE RESEARCH SOIL CHEMIST
DEPT. OF SOIL AND ENVIRONMENTAL SCIENCES
UNIVERSITY OF CALIFORNIA
RIVERSIDE, CALIFORNIA 92521

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY

262 FILNER, PHILIP 415/833-3400
ASSOCIATE DIRECTOR
ARCO PLANT CELL RESEARCH INSTITUTE
6560 TRINITY COURT
DUBLIN, CALIFORNIA 94566

DISCIPLINARY COMPETENCIES
PLANT BIOCHEMISTRY
PLANT PHYSIOLOGY

263 FIRESTONE, MARY K. 415/642-3677
ASSISTANT PROFESSOR
DEPARTMENT OF PLANT AND SOIL BIOLOGY
UNIVERSITY OF CALIFORNIA
BERKELEY, CALIFORNIA 94720

DISCIPLINARY COMPETENCIES
SOIL MICROBIOLOGY
BIOCHEMISTRY

264 FITCHETT, ARTHUR W. 408/737-0700
MANAGER, APPLICATIONS LABORATORY
DIONEX CORPORATION
1228 TITAN WAY
SUNNYVALE, CALIFORNIA 94086

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
ANION AND CATION ANALYSIS
ION CHROMATOGRAPHY

265 FUNG, KOCHY K. 805/497-0821
TECHNICAL DIRECTOR
ENVIRONMENTAL RESEARCH AND TECH, INC
2625 TOWNSGATE RD.
WESTLAKE VILLAGE, CALIFORNIA 91361

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
ANALYTICAL INSTRUMENTATION

266 GHERINI, STEVEN A. 415/283-3771
CHIEF ENGINEER
TETRA TECH, INC.
3746 MT. DIABLO BOULEVARD
LAFAYETTE, CALIFORNIA 94549

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
MATHEMATICAL MODELING

267 GOLDMAN, CHARLES R. 916/752-1557
PROFESSOR OF LIMNOLOGY
TAHOE RESEARCH GROUP,
INSTITUTE OF ECOLOGY
UNIVERSITY OF CALIFORNIA, DAVIS
DAVIS, CALIFORNIA 95616

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
LIMNOLOGY

268 GOLDSTEIN, ROBERT A. 415/964-7066
MANAGER, ATMOSPHERIC DEPOSITION
EFFECTS SUBPROGRAM
ELECTRIC POWER RESEARCH INSTITUTE
P.O. BOX 10412
PALO ALTO, CALIFORNIA 94303

DISCIPLINARY COMPETENCIES
ECOSYSTEM ANALYSIS
ECOLOGICAL MODELING

269 GORDON, ROBERT J. 213/992-4103
ENVIRONMENTAL DIVISION MANAGER
GLOBAL GEOCHEMISTRY CORP, BOX 2194
6910 ETON AVENUE,
CANOGA PARK, CALIFORNIA 91303

DISCIPLINARY COMPETENCIES
CHEMISTRY
GEOCHEMISTRY
ISOTOPE GEOCHEMISTRY

270 GRABER, DAVID M. 209/565-3341
RESEARCH SCIENTIST
NATIONAL PARK SERVICE
SEQUOTA AND KINGS CANYON NATIONAL PARKS
THREE RIVERS, CALIFORNIA 93271

DISCIPLINARY COMPETENCIES
ECOLOGY
WILDLIFE BIOLOGY

271 GRANETT, ANDREW L. 714/787-5639
RESEARCH PLANT PATHOLOGIST
UNIVERSITY OF CALIFORNIA
STATEWIDE AIR POLLUTION RESEARCH CENTER
RIVERSIDE, CALIFORNIA 92521

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY

272 GU, LEO CHEELIANG 415/859-6193
SRI INTERNATIONAL
333 RAVENSWOOD AVENUE
MENLO PARK, CALIFORNIA 94025

DISCIPLINARY COMPETENCIES
GAS PHASE REACTIONS
PHOTOCHEMISTRY
REACTION KINETICS
THERMOCHEMISTRY

273 HAKKARINEN, CHARLES 415/855-2592
TECHNICAL ASSISTANT TO DIRECTOR
ENERGY ANALYSIS AND ENVIRONMENT
ELECTRIC POWER RESEARCH INSTITUTE
P.O. BOX 10412
PALO ALTO, CALIFORNIA 94303

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
METEOROLOGY

274 HANSEN, D. ALAN 805/497-0821
MANAGER,
ENVIRONMENTAL CHEMISTRY DIVISION
ENVIRONMENTAL RESEARCH & TECHNOLOGY, INC
2625 TOWNSGATE ROAD
WESTLAKE VILLAGE, CALIFORNIA 91361

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
PHYSICAL CHEMISTRY
DEPOSITION CHEMISTRY HISTORY
AQUATIC CHEMISTRY MODELING

275 HARTE, JOHN 415/486-6119
SENIOR SCIENTIST
UNIVERSITY OF CALIFORNIA AT BERKELEY
LAWRENCE BERKELEY LAB, 70-110A
BERKELEY, CALIFORNIA 94720

DISCIPLINARY COMPETENCIES
LIMNOLOGY
ECOLOGICAL MODELING
AQUATIC ECOLOGY
ENERGY, ENVIRONMENT AND WATER POLICY

276 HEATH, ROBERT L. 714/787-5925
PROF. OF PLANT PHYSIOLOGY & BIOPHYSICS
DEPARTMENT OF BOTANY AND PLANT SCIENCES
UNIVERSITY OF CALIFORNIA
RIVERSIDE, CALIFORNIA 92521

DISCIPLINARY COMPETENCIES
PHOTOSYNTHESIS-PLANT BIOCHEMISTRY
AIR POLLUTANT INJURY
CELL BIOLOGY
STOMATAL PHYSIOLOGY-WATER RELATIONS

277 HENRY, RONALD C. 805/497-0821
MANAGER, VISIBILITY STUDIES
ENVIRONMENTAL RESEARCH AND TECHNOLOGY
2625 TOWNSGATE RD.
WESTLAKE VILLAGE, CALIFORNIA 91361

DISCIPLINARY COMPETENCIES
AIR CHEMISTRY
LONG RANGE TRANSPORT
STATISTICAL DATA ANALYSIS

278 HIDY, GEORGE M. 805/497-0821
VICE PRESIDENT AND CHIEF SCIENTIST
ENVIRNMENTAL RESEARCH AND TECH, INC
2625 TOWNSGATE ROAD
WESTLAKE VILLAGE, CALIFORNIA 91361

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
ATMOSPHERIC PHYSICS

279 HOVIND, EINAR 805/967-1246
VICE PRESIDENT
NORTH AMERICAN WEATHER CONSULTANTS
600 FIRESTONE ROAD
GOLETA, CALIFORNIA 93117

DISCIPLINARY COMPETENCIES
ATMOSPHERIC DISPERSION
METEOROLOGY

280 HUCKABEE, JOHN W. 415/855-2589
PROJECT MANAGER
ELECTRIC POWER RESEARCH INSTITUTE
3412 HILLVIEW AVENUE
PALO ALTO, CALIFORNIA 94019

DISCIPLINARY COMPETENCIES
BIOLOGY
ECOLOGY

281 HUDSON, ROBERT J.M. 415/283-3771
ASSOCIATE ENGINEER
TETRA TECH INC.
3746 MT. DIABLO BLVD, SUITE 300
LAFAYETTE, CALIFORNIA 94549

DISCIPLINARY COMPETENCIES
CHEMISTRY
CHEMICAL ENGINEERING

282 HUNTINGTON, GORDON L. 916/752-6082
LECTURER AND SPECIALIST IN
SOIL MORPHOLOGY
DEPT. OF LAND, AIR, AND WATER RESOURCES
UNIVERSITY OF CALIFORNIA
139 HOAGLAND HALL
DAVIS, CALIFORNIA 95616

DISCIPLINARY COMPETENCIES
PEDOLOGY- SOILGENESIS, MORPHOLOGY,
TAXONOMY
SOIL-LAND FORM RELATIONSHIPS

283 IZBICKI, JOHN 714/831-4232
HYDROLOGIST
U.S. GEOLOGICAL SURVEY
2400 AVILA ROAD
LAGUNA NIGUEL, CALIFORNIA 92677

DISCIPLINARY COMPETENCIES
SNOW PACKS
WATER QUALITY

284 JOHNSON, WARREN B. 415/859-4755
DIRECTOR, ATMOSPHERIC SCIENCE CENTER
SRI INTERNATIONAL
333 RAVENSWOOD AVENUE
MENLO PARK, CALIFORNIA 94025

DISCIPLINARY COMPETENCIES
AIR POLLUTION METEOROLOGY
ATMOSPHERIC CHEMISTRY
LONG-RANGE TRANSPORT AND DEPOSITION
MODELING
TRACER EXPERIMENTS

285 JONES, MILTON B. 707/744-1424
AGRONOMIST AND LECTURER
UNIVERSITY OF CALIFORNIA,
HOPLAND FIELD STATION
4070 UNIVERSITY ROAD
HOPLAND, CALIFORNIA 95449

DISCIPLINARY COMPETENCIES
AGRONOMY
SOIL CHEMISTRY
SOIL FERTILITY

286 JUDEIKIS, HENRY S. 213/648-5224
MANAGER, ENVIRONMENTAL CHEMISTRY SECTION
THE AEROSPACE CORP.
P.O. BOX 92957
LOS ANGELES, CALIFORNIA 90009

DISCIPLINARY COMPETENCIES
PHYSICAL CHEMISTRY
RADIATION CHEMISTRY
AIR POLLUTION CHEMISTRY

287 KAPLAN, ISAAC R. 213/825-1805
PROFESSOR OF GEOCHEMISTRY
INST OF GEOPHYSICS AND PLANETARY PHYSICS
UNIVERSITY OF CALIFORNIA AT LOS ANGELES
LOS ANGELES, CALIFORNIA 90024

DISCIPLINARY COMPETENCIES
ORGANIC AND INORGANIC CHEMISTRY

288 KENNEDY, VANCE C. 415/856-7176
HYDROLOGIST
U.S. GEOLOGICAL SURVEY
345 MIDDLEFIELD ROAD
MENLO PARK, CALIFORNIA 94025

DISCIPLINARY COMPETENCIES
CHEMICAL HYDROLOGY

289 KNIGHT, ALLEN W. 916/752-0692
PROFESSOR, HYDROBIOLOGIST
DEPT. OF LAND, AIR, AND WATER RESOURCES
UNIVERSITY OF CALIFORNIA
DAVIS, CALIFORNIA 95616

DISCIPLINARY COMPETENCIES
HYDROBIOLOGY
LIMNOLOGY, STREAM BIOLOGY
PHYSIOLOGY ECOLOGY

290 KNOX, JOSEPH B. 415/422-1818
DIVISION LEADER,
ATMOSPHERIC AND GEOPHYSICAL SCIENCES
LAWRENCE LIVERMORE NATIONAL LABORATORY
P.O. BOX 808
LIVERMORE, CALIFORNIA 94550

DISCIPLINARY COMPETENCIES
ATMOSPHERIC SCIENCE

291 LARSON, LINDA 415/974-7648
ENVIRONMENTAL SCIENTIST
U.S. ENVIRON. PROTECTION AGENCY, REG. 9
215 FREMONT STREET
SAN FRANCISCO, CALIFORNIA 94105

DISCIPLINARY COMPETENCIES
PHYSICAL CHEMISTRY

292 LAWSON, DOUGLAS R. 916/323-1507
AIR POLLUTION RESEARCH SPECIALIST
CALIFORNIA AIR RESOURCES BOARD
P.O. BOX 2815
SACRAMENTO, CALIFORNIA 95812

DISCIPLINARY COMPETENCIES
AEROSOL MEASUREMENT
ATMOSPHERIC CHEMISTRY

293 LOCKHART, THOMAS J. 213/798-2409
PRESIDENT
METEOROLOGICAL STANDARDS INSTITUTE
1955 WINDOVER ROAD
PASADENA, CALIFORNIA 91107

DISCIPLINARY COMPETENCIES
METEOROLOGICAL MEASUREMENTS

294 LUND, LANNY J. 714/787-3859
ASSOCIATE PROFESSOR OF SOIL SCIENCE
DEPT. OF SOIL AND ENVIRONMENTAL SCIENCES
UNIVERSITY OF CALIFORNIA
RIVERSIDE, CALIFORNIA 92521

DISCIPLINARY COMPETENCIES
SOIL GENESIS
SOIL MORPHOLOGY

295 MACCRACKEN, MICHAEL C. 415/422-1826
DEPUTY DIVISION LEADER
ATMOSPHERIC AND GEOPHYSICAL SCIENCE DIV.
LAWRENCE LIVERMORE NATIONAL LABORATORY
P.O. BOX 808 (L-262)
LIVERMORE, CALIFORNIA 94550

DISCIPLINARY COMPETENCIES
ATMOSPHERIC MODELING OF CLIMATE AND AIR QUALITY

296 MARTIN, ROBBIN L. 213/648-6920
RESEARCH SCIENTIST
CHEMISTRY AND PHYSICS LAB.
THE AEROSPACE CORPORATION
P.O. BOX 92957
LOS ANGELES, CALIFORNIA 90009

DISCIPLINARY COMPETENCIES
CHEMICAL PHYSICS
KINETICS
THERMODYNAMICS

297 MASON, HOWARD B. 415/964-3200
MANAGER, AIR PROGRAMS
ACUREX CORPORATION
485 CLYDE AVENUE
MOUNTAIN VIEW, CALIFORNIA 94042

DISCIPLINARY COMPETENCIES
EMISSION CONTROL DEVELOPMENT AND PROCESS ENGINEERING
FIELD TESTING AND CONTROL IMPLEMENTATION
EMISSIONS INVENTORIES
REGULATORY POLICY EVALUATION

298 MCCOLL, JOHN G. 415/642-1028
ASSOCIATE PROFESSOR
DEPARTMENT PLANT AND SOIL BIOLOGY
UNIVERSITY OF CALIFORNIA-BERKELEY
108 HILGARD HALL
BERKELEY, CALIFORNIA 94720

DISCIPLINARY COMPETENCIES
SOIL SCIENCE
FORESTRY
NUTRIENT CYCLING
ATMOSPHERIC CYCLING

299 MCRAE, GREGORY J. 213/356-6869
SENIOR RESEARCH ENGINEER
CALIFORNIA INST OF TECH ( EQL 206-40 )
1201 E. CALIFORNIA BOULEVARD
PASADENA, CALIFORNIA 91125

DISCIPLINARY COMPETENCIES
AEROSOL DYNAMICS
ATMOSPHERIC TRANSPORT
CONTROL STRATEGY DESIGN
MATHEMATICAL MODELING OF PHOTOCHEMICAL AIR POLLUTION

300 MELACK, JOHN MICHAEL 805/961-3879
ASSOCIATE PROFESSOR OF BIOLOGY
DEPT. OF BIOLOGICAL SCIENCES
UNIVERSITY OF CALIFORNIA
SANTA BARBARA, CALIFORNIA 93106

DISCIPLINARY COMPETENCIES
LIMNOLOGY
AQUATIC CHEMISTRY
PHYTOPLANKTON ECOLOGY
PRODUCTIVITY MEASUREMENT

301 MILLER, PAUL R. 714/787-3661
PLANT PATHOLOGIST
PACIFIC SOUTHWEST F&RES
FOREST SERVICE, USDA
4955 CANYON CREST DRIVE
RIVERSIDE, CALIFORNIA 92507

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY

302 MORGAN, JAMES J. 213/356-4394
PROFESSOR
CALIF. INSTITUTE OF TECHNOLOGY
PASADENA, CALIFORNIA 91125

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
ENGINEERING

303 MUELLER, PETER K. 415/855-2586
PROJECT MANAGER
ELECTRIC POWER RESEARCH INSTITUTE
P.O. BOX 10412
3412 HILLVIEW AVENUE
PALO ALTO, CALIFORNIA 94304

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
MONITORING

304 MUNGER, JAMES WILLIAM 213/356-4407
ASSOCIATE RESEARCH ENGINEER
CALIFORNIA INSTITUTE OF TECHNOLOGY
W.M. KECK LABORATORIES 138-78
PASADENA, CALIFORNIA 91125

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
AQUATIC CHEMISTRY
ECOLOGY

305 MUSSLEMAN, ROBERT C. 714/787-4685
ASSISTANT RESEARCH PLANT PHYSIOLOGIST
UNIVERSITY OF CALIFORNIA
STATEWIDE AIR POLLUTION RESEARCH CENTER
RIVERSIDE, CALIFORNIA 92521

DISCIPLINARY COMPETENCIES
EFFECTS ON AGRICULTURAL CROPS

306 MYRUP, LEONARD O. 916/752-1406
PROFESSOR OF METEOROLOGY
DEPT. OF LAND, AIR & WATER RESOURCES
UNIVERSITY OF CALIFORNIA AT DAVIS
DAVIS, CALIFORNIA 95616

DISCIPLINARY COMPETENCIES
METEOROLOGY

307 NICHOLS, TOM 209/565-3341
ENVIRONMENTAL SPECIALIST
SEQUOIA AND KINGS CANYON NATIONAL PARKS
RESOURCES MANAGEMENT OFFICE
THREE RIVERS, CALIFORNIA 93271

DISCIPLINARY COMPETENCIES
RESOURCE MANAGEMENT
PLANT ECOLOGY
FIRE ECOLOGY AND MANAGEMENT
DEPOSITON AND OZONE MONITORING

308 NODVIN, STEPHEN C. 714/787-3654
POSTDOCTORAL RESEARCH ASSOCIATE
DEPT. OF SOIL AND ENVIRONMENTAL SCIENCE
UNIVERSITY OF CALIFORNIA-RIVERSIDE
RIVERSIDE, CALIFORNIA 92521

DISCIPLINARY COMPETENCIES
ECOSYSTEMS ECOLOGY
LAND-WATER INTERACTIONS
LIMNOLOGY
SOIL SCIENCE

309 NORTH, D. WARNER 415/960-3450
PRINCIPAL
DECISION FOCUS INCORPORATED
LOS ALTOS OFFICE CENTER
4984 EL CAMINO REAL, SUITE 200
LOS ALTOS, CALIFORNIA 94022

DISCIPLINARY COMPETENCIES
DECISION AND SYSTEMS ANALYSIS
ECONOMICS
PHYSICS

310 PAGE, ALBERT L. 714/787-3654
PROFESSOR OF SOIL SCIENCE
DEPT. OF SOIL AND ENVIRONMENTAL SCIENCES
UNIVERSITY OF CALIFORNIA
RIVERSIDE, CALIFORNIA 92521

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY

311 PARSONS, DAVID J. 209/565-3341
RESEARCH SCIENTIST
NATIONAL PARK SERVICE
SEQUOIA AND KINGS CANYON NATIONAL PARKS
THREE RIVERS, CALIFORNIA 93271

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY

312 PERHAC, RALPH M. 415/855-2572
DIRECTOR, ENVIRONMENTAL ASSESSMENT DEPT.
ELECTRIC POWER RESEARCH INSTITUTE
BOX 10412
PALO ALTO, CALIFORNIA 94303

DISCIPLINARY COMPETENCIES
TRACE ELEMENT/MINERAL GEOCHEMISTRY

313 PITTS, JAMES N., JR 714/787-4584
ASSISTANT DIRECTOR
STATEWIDE AIR POLLUTION RESEARCH CENTER
UNIVERSITY OF CALIFORNIA
RIVERSIDE, CALIFORNIA 92521

DISCIPLINARY COMPETENCIES
PHOTOCHEMISTRY AND PHOTOOXIDATIONS
(APPLICATIONS TO AIR POLLUTION)

314 PORCH, WILLIAM M. 415/422-1831
PHYSICIST
LAWRENCE LIVERMORE NATIONAL LABORATORY
P.O. BOX 808 L-262
LIVERMORE, CALIFORNIA 94550

DISCIPLINARY COMPETENCIES
AEROSOL TRANSPORT AND DEPOSITION
( WESTERN U.S. )

315 RICHARDS, L. WILLARD 707/527-9372
VICE PRESIDENT
SONOMA TECHNOLOGY, INC.
3402 MENDOCINO AVENUE
SANTA ROSA, CALIFORNIA 95401

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
FIELD PROGRAMS
AIRBORNE MEASUREMENTS

316 RIEGELHUTH, RICHARD 209/372-4461
CHIEF, DIVISION OF RESOURCES MANAGEMENT
P.O. BOX 577
YOSEMITE NATIONAL PARK, CALIFORNIA 95389

DISCIPLINARY COMPETENCIES
RESOURCE MANAGEMENT

317 RIGGAN, PHILLIP J. 213/963-5936
RESEARCH FORESTER
USDA FOREST SERVICES
PACIFIC SOUTHWEST FOR AND RANGE EXP STN
110 N. WABASH AVENUE
GLENDORA, CALIFORNIA 91740

DISCIPLINARY COMPETENCIES
FOREST AND CHAPARRAL NUTRIENT CYCL.
PRODUCTION ECOLOGY

318 ROSENCRANZ, ARMIN 415/669-1122
DIRECTOR
THE PIONEER FUND
BOX 33
INVERNESS, CALIFORNIA 94937

DISCIPLINARY COMPETENCIES
LAW
POLITICAL SCIENCE

319 ROSS, DAVID 415/859-2430
PROGRAM MANAGER
SRI INTERNATIONAL
333 RAVENSWOOD AVENUE
MENLO PARK, CALIFORNIA 94025

DISCIPLINARY COMPETENCIES
CONDENSED PHASE (AQUEOUS) KINETICS
REACTION KINETICS
THERMOCHEMISTRY

320 RUNDEL, PHILIP W. 213/825-8729
PROFESSOR
UNIV OF CALIFORNIA- LOS ANGELES
LABORATORY OF BIOMEDICAL AND
ENVIRONMENAL SCIENCES
LOS ANGELES, CALIFORNIA 90024

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL BIOLOGY
PHYSIOLOGICAL ECOLOGY

321 RUSSELL, ARMISTEAD G. 213/356-6891
CALIFORNIA INST OF TECH ( EQL 206-40 )
1201 E. CALIFORNIA BOULEVARD
PASADENA, CALIFORNIA 91125

DISCIPLINARY COMPETENCIES
ATMOSPHERIC TRANPORT PROCESSES
CONTROL STRATEGY DESIGN
AEROSOL DYNAMICS

322 SCHROEDER, ROY A. 714/831-4232
HYDROLOGIST
U.S. GEOLOGICAL SURVEY
24000 AVILA ROAD
LAGUNA NIGUEL, CALIFORNIA 92677

DISCIPLINARY COMPETENCIES
OCEANOGRAPHY, WATER CHEMISTRY
ORGANIC GEOCHEMISTRY

323 SEINFELD, JOHN H 213/356-4635
LOUIS E. NOHL PROFESSOR
EXECUTIVE OFFICER OF CHEM ENGINEERING
CALIFORNIA INSTITUTE OF TECHNOLOGY
1201 EAST CALIFORNIA BOULEVARD
PASADENA, CALIFORNIA 91125

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION

324 SHANER, STEPHEN W. 916/752-0453
POSTDOCTORAL RESEARCHER
DEPT. OF LAND, AIR, AND WATER RESOURCES
113 VEIHMEYER HALL
DAVIS, CALIFORNIA 95616

DISCIPLINARY COMPETENCIES
AQUATIC INVERTEBRATES,
ESPECIALLY CRUSTACEAN ZOOPLANKTON

325 SMITH, OWEN I. 213/825-2125
ASST. PROF. OF ENG. AND APP. SCIENCE
UNIVERSITY OF CALIFORNIA
5531 BOELTEV HALL
LOS ANGELES, CALIFORNIA 90024

DISCIPLINARY COMPETENCIES
COMBUSTION
HIGH TEMPERATURE CHEMICAL KINETICS

326 SULLIVAN, RALPH J. 213/787-7380
DIRECTOR, RESEARCH AND DEVELOPMENT
XONTECH INC.
6862 HAVEVENHURST AVENUE
VAN NUYS, CALIFORNIA 91406

DISCIPLINARY COMPETENCIES
CHEMISTRY
ENVIRONMENTAL MONITERING

327 THOMPSON, C. RAY 714/787-5131
RESEARCH BIOCHEMIST
AIR POLLUTION RESEARCH CENTER
UNIVERSITY OF CALIFORNIA
RIVERSIDE, CALIFORNIA 92521

DISCIPLINARY COMPETENCIES
PLANT BIOCHEMISTRY
PLANT PATHOLOGY

328 TONNESSEN, KATHY A. 415/486-5865
RESEARCH ASSOCIATE
ENERGY AND RESOURCES GROUP
UNIVERSITY OF CALIFORNIA, BERKELEY
T-4, ROOM 100
BERKELEY, CALIFORNIA 94720

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY
ENERGY AND ENVIRONMENTAL POLICY
ENVIRONMENTAL CHEMISTRY

329 TOPOL, LEO E. 805/498-6771
PROGRAM MANAGER
ROCKWELL INTERNATIONAL EMSC
2421 W. HILLCREST DRIVE
NEWBURY PARK, CALIFORNIA 91320

DISCIPLINARY COMPETENCIES
CHEMISTRY
QUALITY ASSURANCE

330 VAN HORN, ANDREW J. 415/845-5200
MANAGER, ENERGY AND ENVIRONMENTAL
SYSTEMS PLANNING
TERA CORPORATION
2150 SHATTUCK AVENUE
BERKELEY, CALIFORNIA 94704

DISCIPLINARY COMPETENCIES
ECONOMICS
ELECTRIC UTILITY EMISSIONS
POWER GENERATION AND POLLUTION
CONTROL TECHNOLOGIES
REGULATORY OPTIONS

331 VIJAYAKUNIAR, R. 805/498-6771
TECHNICAL STAFF MEMBER
ROCKWELL INTERNATIONAL-EMSC
2421 W. HILLCREST DRIVE
NEWBURY PARK, CALIFORNIA 91320

DISCIPLINARY COMPETENCIES
AEROSOL SCIENCE
MECHANICAL ENGENERING

332 WHITTIG, LYNN D. 916/752-7008
COORDINATOR
COOPERATIVE NATL PARK RESOURCES STUDIES
UNIVERSITY OF CALIFORNIA AT DAVIS
NICKSON HALL
DAVIS, CALIFORNIA 95616

DISCIPLINARY COMPETENCIES
SOIL AND WATER CHEMISTRY
SOIL GENESIS AND MORPHOLOGY
SOIL MINERALOGY

333 WILLIAMS, WAYNE T. 707/762-6035
ANATEC LABORATORIES, INC
435 TESCONI CIRCLE
SANTA ROSA, CALIFORNIA 95401

DISCIPLINARY COMPETENCIES
FOREST AND AGROECOSYSTEM STRESS

334 WINER, ARTHUR M. 714/787-4651
ASSISTANT DIRECTOR
STATEWIDE AIR POLLUTION RESEARCH CENTER
UNIVERSITY OF CALIFORNIA
RIVERSIDE, CALIFORNIA 92521

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY

335 WORK, MICHAEL 415/974-8221
ENVIRONMENTAL SCIENTIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 9
215 FREMONT STREET
SAN FRANCISCO, CALIFORNIA 94105

DISCIPLINARY COMPETENCIES
BIBLIOGRAPHY AND DEPOSITION
IN CALIFORNIA

336 YOUNG, JAMES R. 805/497-0821
SENIOR STAFF SCIENTIST
ENVIRONMENTAL RESEARCH AND TECHNOLOGY
2625 TOWNSGATE ROAD
WESTLAKE VILLAGE, CALIFORNIA 91361

DISCIPLINARY COMPETENCIES
AQUEOUS-PHASE OXIDATION PROCESSES
WATER CHEMISTRY

# COLORADO

337 ALBRITTON, DANIEL LEE 303/497-5785
RESEARCH PHYSICIST
NOAA ENVIRONMENTAL RESEARCH LABS
ROOM 24-2107
BOULDER, COLORADO 80303

DISCIPLINARY COMPETENCIES
TRACE CONSTITUENT MEASUREMENTS
LABORATORY KINETICS
MASS AND OPTICAL SPECTROSCOPY

338 BEAN, BRADFORD R. 303/497-6257
SENIOR SCIENTIST
NOAA/ERL/OWRM
325 S. BROADWAY, RX8
BOULDER, COLORADO 80303

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICS
TURBULENT TRANSPORT AND DIFFUSION

339 CICERONE, RALPH J. 303/494-5151
DIRECTOR EXT. 338
ATMOSPHERIC CHEMISTRY AND AERONOMY DIVN.
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
BOULDER, COLORADO 80307

DISCIPLINARY COMPETENCIES
MODELING OF THE ATMOSPHERIC
PHOTOCHEMISTRY OF GASEOUS PRECURSORS
MEASUREMENTS OF EMISSIONS OF REDUCED
SULFUR COMPOUNDS

340 FOX, DOUGLAS G. 303/221-4390
CHIEF METEOROLOGIST
ROCKY MOUNTAIN FOREST AND RANGE EXPT STA
240 W. PROSPECT STREET
FORT COLLINS, COLORADO 80526

DISCIPLINARY COMPETENCIES
AIR QUALITY MODELING
FOREST METEOROLOGY

341 GIBSON, JAMES H. 303/491-5571
DIRECTOR, NATURAL RESOURCES ECOLOGY LAB
COORDINATOR, NATL ATMOS DEPOSITION PROG
COLORADO STATE UNIVERSITY
COLLIUS, COLORADO 80523

DISCIPLINARY COMPETENCIES
ECOLOGY
CHEMISTRY

342 GOOLSBY, DONALD A. 303/234-4118
WATER QUALITY SPECIALIST
WATER RESOURCES DIVISION
U.S. GEOLOGICAL SURVEY
BOX 25046, MAIL STOP 406
FEDERAL CENTER
LAKEWOOD, COLORADO 80225

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
HYDROLOGY

343 GRANT, MICHAEL C. 303/492-8981
ASSOCIATE PROFESSOR AND CHAIRMAN
P.O. BOX 334 DEPARTMENT OF BIOLOGY
UNIVERSITY OF COLORADO
BOULDER, COLORADO 80309

DISCIPLINARY COMPETENCIES
ECOLOGY
NUTRIENT CYCLING
STATISTICS

344 GREENLAND, DAVID E. 303/492-8694
ASSOCIATE PROFESSOR
INST OF ARCTIC AND ALPINE RESEARCH
DEPARTMENT OF GEOGRAPHY
CAMPUS BOX 260
UNIVERSITY OF COLORADO
BOULDER, COLORADO 80309

DISCIPLINARY COMPETENCIES
AIR POLLUTION METEOROLOGY

345 HEIKES, BRIAN G. 303/494-5151
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
BOULDER, COLORADO 80303

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
METEOROLOGY

346 HERRMANN, RAYMOND 303/471-7573
DIRECTOR, WATER RES FIELD SUPPORT LAB
NATIONAL PARK SERVICE
COLORADO STATE UNIVERSITY
107C NATURAL RESOURCES
FORT COLLINS, COLORADO 80523

DISCIPLINARY COMPETENCIES
GEOLOGY
HYDROLOGY

347 HOWARD, CARLETON J. 303/497-5820
RESEARCH CHEMIST
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.
325 BROADWAY R443
BOULDER, COLORADO 80303

DISCIPLINARY COMPETENCIES
PHYSICAL CHEMISTRY
ATMOSPHERIC CHEMICAL KINETICS

348 HUEBERT, BARRY J. 303/473-2233
ASSOC PROFESSOR OF CHEMISTRY EXT 433
COLORADO COLLEGE
COLORADO SPRINGS, COLORADO 80903

DISCIPLINARY COMPETENCIES
SNOW SCAVENGING
NO3 MEASUREMENTS
NO3 DRY-DEPOSITION

349 KLEY, DIETER 303/497-3355
RESEARCH CHEMIST
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.
AERONOMY LABORATORY, R448
325 S. BROADWAY, 24-2107
BOULDER, COLORADO 80303

DISCIPLINARY COMPETENCIES
ATMOS. CHEM., TRANSPORT, DEPOSITION
MONITORING/FIELD MEASUREMENTS

350 LAVENROTH, WILLIAM K. 303/491-7581
ASSOCIATE PROFESSOR AND RES. ECOLOGIST
RANGE SCIENCE DEPARTMENT
COLORADO STATE UNIVERSITY
FORT COLLINS, COLORADO 80523

DISCIPLINARY COMPETENCIES
ECOSYSTEM SCIENCE

351 LAZRUS, ALLAN L. 303/494-5151
RESEARCH SCIENTIST
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH
P.O. BOX 3000
BOULDER, COLORADO 80303

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
ANALYTICAL CHEMISTRY
METEOROLOGY

352 LEWIS, WILLIAM M. 303/492-6378
ASSOCIATE PROFESSOR
DEPARTMENT OF EPO BIOLOGY
UNIVERSITY OF COLORADO
BOULDER, COLORADO 80309

DISCIPLINARY COMPETENCIES
LIMNOLOGY
BIOGEOCHEMICAL CYCLES

353 LIU, SHAW C. 303/497-3356
PROGRAM CHIEF, THEORTICAL AERONOMY
AERONOMY LAB / NOAA
325 BROADWAY
BOULDER, COLORADO 80301

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION

354 MCGAVIN, RAYMOND 303/497-6166
PHYSICIST, BOUNDARY LAYER DYNAMICS GRP.
U.S. DEPARTMENT OF COMMERCE
NOAA/ERL/OWRM/BLDG
325 S. BROADWAY, RX8
BOULDER, COLORADO 80303

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICS
DYNAMICS OF THE BOUNDARY-LAYER-
TURBULENCE-SEA-AIR INTERACTION

355 OLSEN, OLE C. 303/824-4441
NATURAL RESOURCE SPECIALIST
BUREAU OF LAND MANAGEMENT
P.O. BOX 1136
CRAIG, COLORADO 81626

DISCIPLINARY COMPETENCIES
MINED-LAND RECLAMATION
RANGE ECOLOGY

356 PUESCHEL, RUDOLF F.
PROGRAM MANAGER, AIR QUALITY PROGRAMS
OFFICE OF WEATHER RESEARCH
AND MODIFICATIONS
NATIONAL OCEANIC AND ATMOS. ADMIN.
325 BROADWAY
BOULDER, COLORADO 80303

DISCIPLINARY COMPETENCIES
AEROSOL AND CLOUD PHYSICS

357 REDDY, MICHAEL M. 303/234-3975
HYDROLOGIST
U.S. GEOLOGICAL SURVEY
MS 407 DENVER FED. CENTER
DENVER, COLORADO 80225

DISCIPLINARY COMPETENCIES
CHEMISTRY
GEOCHEMISTRY

358 REITER, ELMAR R. 303/491-8555
PROFESSOR OF ATMOSPHERIC SCIENCE
COLORADO STATE UNIVERSITY
FOOTHILLS CAMPUS, SOLAR HOUSE 3
FT. COLLINS, COLORADO 80523

DISCIPLINARY COMPETENCIES
POLLUTION TRAJECTORY MODELLING

359 RUDOLPH, R. NEIL 303/589-7011
ASSISTANT PROFESSOR
ADAMS STATE COLLEGE
ALAMOSA, COLORADO 81102

DISCIPLINARY COMPETENCIES
SPECTROSCOPY & PHOTOCHEMISTRY OF
SMALL MOLECULES

360 SCHRODER, LEROY J. 303/234-3975
RESEARCH CHEMIST
U.S. GEOLOGICAL SURVEY - WRD
P.O. BOX 25046, MS 407
LAKEWOOD, COLORADO 80225

DISCIPLINARY COMPETENCIES
CHEMISTRY
QUALITY ASSURANCE

361 STEVENS, DAVID R. 303/586-2371
RESEARCH BIOLOGIST
NATIONAL PARK SERVICE
ROCKY MOUNTAIN NATIONAL PARK
ESTES PARK, COLORADO 80517

DISCIPLINARY COMPETENCIES
BOTANY
WILDLIFE BIOLOGY

362 TURK, JOHN T. 303/234-3487
HYDROLOGIST
U.S. GEOLOGICAL SURVEY
BOX 25046, MAIL STOP 415
DENVER FEDERAL CENTER
LAKEWOOD, COLORADO 80225

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY
LIMNOLOGY

363 VIOLETTE, DANIEL M. 303/449-5515
PRINCIPAL, ECONOMICS
ENERGY AND RESOURES CONSULTANTS, INC.
P.O. DRAWER O
BOULDER, COLORADO 80306

DISCIPLINARY COMPETENCIES
ECONOMICS

364 ZELLER, KARL 303/493-8878
REGIONAL AIR QUALITY
FC-ERT-LSC
P.O. BOX 2105
FT. COLLINS, COLORADO 80512

DISCIPLINARY COMPETENCIES
ACID RAIN MONITORING
AIR QUALITY RELATED VALUES ANALYSIS

## CONNECTICUT

365 BALGORD, WILLIAM D. 203/775-1523
PRESIDENT
ENVIRONMENTAL AND RESOURCES TECH, INC.
P.O. BOX 300
BROOKFIELD, CONNECTICUT 06804

DISCIPLINARY COMPETENCIES
ASSESSMENT OF CONTROL TECHNOLOGY
CHARACTERIZATION OF AIR CONTAMINANTS

366 GEBALLE, GORDON T. 203/436-0020
POSTDOCTORAL ASSOCIATE
SCHOOL OF FORESTERY AND ENVIRON STUDIES
YALE UNIVERSITY
NEW HAVEN, CONNECTICUT 06311

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY
PLANT PHYSIOLOGY

367 KRUG, EDWARD C. 203/789-7215
ASSISTANT SOIL SCIENTIST
CONNECTICUT AGRICULTURAL EXPT STATION
BOX 1106
NEW HAVEN, CONNECTICUT 06504

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL GEOCHEMISTRY

368 SEERY, DANIEL J. 203/727-7150
MANAGER, COMBUSTION SCIENCES
UNITED TECHNOLOGIES RESEARCH CENTER
SILVER LANE, MS-30
EAST HARTFORD, CONNECTICUT 06108

DISCIPLINARY COMPETENCIES
COMBUSTION
FLAME CHEMISTRY
POLLUTANT FORMATION
COAL PYROLYSIS

369 SICCAMA, THOMAS G. 203/436-0020
LECTURER IN FOREST ECOLOGY
YALE SCHOOL OF FORESTRY AND ENVIRON STDS
GML-370 PROSPECT STREET
NEW HAVEN, CONNECTICUT 06511

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
DENOROCHRONOLOGY
SOILS

370 SMITH, WILLIAM H. 203/436-0440
ACTING DEAN AND PROF.OF FOREST PATHOLOGY
SCHOOL OF FORESTRY AND ENVIRON. STUDIES
YALE UNIVERSITY
205 PROSPECT STREET
NEW HAVEN, CONNECTICUT 06511

DISCIPLINARY COMPETENCIES
FOREST PATHOLOGY

## DELAWARE

371 CURTIS, CHARLES R. 302/738-2531
PROFESSOR AND CHAIRPERSON
DEPARTMENT OF PLANT SCIENCE
UNIVERSITY OF DELAWARE
NEWARK, DELAWARE 19711

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY

372 DILL, NORMAN H. 302/736-5195
PROFESSOR BIOLOGY AND NATURAL RESOURCES
DELAWARE STATE COLLEGE
DEPT. OF AGRIC. AND NATURAL RESOURCES
DOVER, DELAWARE 19901

DISCIPLINARY COMPETENCIES
MICROMETEOROLOGY
PLANT ECOLOGY

373 SPARKS, DONALD L. 302/738-2531
ASSISTANT PROFESSOR OF SOIL SCIENCE
DEPARTMENT OF PLANT SCIENCES
UNIVERSITY OF DELAWARE
NEWARK, DELAWARE 19711

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY

## DISTRICT OF COLUMBIA

374 ALBERSHEIM, STEVEN R. 202/426-3396
ENVIRONMENTAL SCIENTIST
OFFICE OF ENVIRONMENTAL AND ENERGY
FEDERAL AVIATION ADMINISTRATION
AEE-110, 800 INDEPENDENCE AVENUE SW
WASHINGTON, D.C. 20591

DISCIPLINARY COMPETENCIES
ATMOSPHERIC DISPERSION
CLIMATOLOGY
MICRO-METEOROLOGY

375 BARCHETT, W. RICHARD 202/382-5596
ACID DEPOSITION ASSESSMENT STAFF
U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M STREET, SW ( RD-676 )
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
ATMOSPHERIC TRANSPORT
CLOUD PHYSICS
DEPOSITION PROCESSES

376 BARNES, JAMES N. 202/737-3600
EXECUTIVE DIRECTOR
THE ANTARCTICA PROJECT
624 9TH ST., NW, 5TH FLOOR
WASHINGTON, D.C. 20001

DISCIPLINARY COMPETENCIES
INTERNATIONAL LAW
POLICY AND REGOLATORY OPTIONS

377 BARRATT-BROWN, LIZ
NATURAL RESOURCES DEFENSE COUNCIL, INC.
1725 I STREET, N.W., SUITE 600
WASHINGTON, D.C. 20006

DISCIPLINARY COMPETENCIES
CONTROL COST ECONOMIC ANALYSES
FOREST ECOLOGY
RESEARCH PROPOSAL MANAGEMENT

378 BEADLE, ROBERT W. 301/353-3764
PHYSICAL SCIENTIST
OFFICE OF ENERGY RESEARCH, ER-74 (GTN)
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C. 20545

DISCIPLINARY COMPETENCIES
ATMOSPHERIC SCIENCES

379 BENNETT, DAVID A. 202/382-5600
DIRECTOR,
ACID DEPOSITION ASSESSMENT STAFF
U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M. STREET, SW ( RD-676 )
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
POLICY ANALYSIS

380 BERNABO, CHRISTOPHER 202/395-5773
EXECUTIVE DIRECTOR
NATL ACID PRECIPITATION ASSESSMENT PROG
722 JACKSON PLACE, NW
WASHINGTON, D.C. 20006

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL GEOLOGY
METEOROLOGY
POLICY ANALYSIS

381 BIERBAUM, ROSINA M. 202/226-2045
ASSISTANT PROJECT DIRECTOR
ATMOSPHERIC ALTERATIONS ASSESSMENT
OFFICE OF TECHNOLOGY ASSESSMENT
U.S. CONGRESS
WASHINGTON, D.C. 20510

DISCIPLINARY COMPETENCIES
BIOLOGY
ECOLOGY

382 BUBAR, PATRICE M. 202/755-2114
ENVIRONMENTAL ENGINEER
U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M STREET, SW
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
ATMOSPHERIC DEPOSITION (URBAN AREAS)

383 COLOFF, STAN 202/653-9210
AIR RESOURCE PROGRAM MANAGER
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT ( W0220 )
18TH AND CST'S, NW.
WASHINGTON, D.C. 20240

DISCIPLINARY COMPETENCIES
DEPOSITION MONITORING - WESTERN U.S.

384 COOK, DONALD 202/382-7445
DEPUTY DIRECTOR
ACID DEPOSITION RESEARCH STAFF
U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M STREET, SW ( RD-676 )
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
POLICY ANALYSIS
ECONOMIC EFFECTS

385 CORLISS, JOHN F. 703/235-1071
PRINCIPLE SOIL SCIENTIST, PROGRAM LEADER
USDA FOREST SERVICE
BOX 2417, RPE 808
WASHINGTON, D.C. 20013

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS

386 DANIEL, KATHY 202/395-5773
TECHNICAL ASST TO EXECUTIVE DIRECTOR
NATL ACID PRECIPITATION ASSESSMENT PROG
722 JACKSON PLACE, NW
WASHINGTON, D.C. 20016

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SCIENCES
ENGINEERING
MANAGEMENT

387 DAVIS, KATHERINE 202/395-5773
TECHNICAL ASST TO EXECUTIVE DIRECTOR
NATL ACID PRECIPITATION ASSESSMENT PROG
722 JACKSON PLACE, NW
WASHINGTON, D.C. 20016

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SCIENCES
MANAGEMENT

388 ESCALANTE, EDWARD 301/921-2810
METALLURGIST
NATIONAL BUREAU OF STANDARDS
223-B250
WASHINGTON, D.C. 20234

DISCIPLINARY COMPETENCIES
CORROSION RESEARCH
MEASUREMENT TECHNIQUES
METALS

389 FOLEY, GARY J. 202/382-7445
DIRECTOR, ACID DEPOSITION RES. STAFF
U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M STREET, SW, ( RD-676 )
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING
ENVIRONMENTAL EFFECTS AND CONTROL

390 FRIEDMAN, ROBERT M. 202/226-2131
PROJECT DIRECTOR
OFFICE OF TECHNOLOGY ASSESSMENT
U.S. CONGRESS
WASHINGTON, D.C. 20510

DISCIPLINARY COMPETENCIES
ECOLOGY
ENGINEERING

391 FULKERSON, JOHN F. 202/447-5741
PRINCIPAL SCIENTIST
USDA- COOPERATIVE STATE RESEARCH SERVICE
RM 6440-S, 14TH AND INDEPENDENCE AVE, SW
WASHINGTON, DC 20250

DISCIPLINARY COMPETENCIES
MICROBIOLOGY
NEMATOLOGY
PLANT PATHOLOGY

392 GALLI, ALFRED A. 202/382-5945
ACTING DEPUTY DIRECTOR
ENERGY AND AIR DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M STREET, SW
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
CONTROL ENGINEERING
ECOLOGY
GEOLOGY

393 GOLDBERG, ROBERT 202/343-4022
PHYSICAL SCIENTIST, U.S. GOVERNMENT
OFFICE OF SURFACE MINING
DEPARTMENT OF THE INTERIOR
1951 CONSTITUTION AVENUE, N.W.
WASHINGTON, D.C. 20240

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEER
ENVIRONMENTAL ENGINEER

394 HOOD, KENNETH J. 202/395-1904
EXECUTIVE SECRETARY
ACID RAIN COORDINATION COMMITTEE
COUNCIL ON ENVIRONMENTAL QUALITY
722 JACKSON PLACE NW
WASHINGTON, D.C. 20006

DISCIPLINARY COMPETENCIES
PLANT SCIENCE
BIOLOGY

395 KANE, ROBERT LOUIS 202/252-4770
PROGRAM ANALYST
U.S. DEPARTMENT OF ENERGY
1000 INDEPENDENCE AVENUE, SW
WASHINGTON, D.C. 20585

DISCIPLINARY COMPETENCIES
AQUATIC AND TERRESTRIAL EFFECTS
METEOROLOGY

396 KELLEY, DAVID C. 202/382-2603
ACID DEPOSITION RESEARCH STAFF
U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M STREET, SW ( RD-676 )
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
RESEARCH MANAGEMENT
DATA ANALYSIS

397 KRUGER, JEROME 301/921-2094
GROUP LEADER
NATIONAL BUREAU OF STANDARDS
ROOM B254 MATLS BUILDING
WASHINGTON, D.C. 20234

DISCIPLINARY COMPETENCIES
CORROSION
MATERIALS SCIENCE

398 LEPPLE, FRED K. 202/767-2256
HEAD, MARINE GEOCHEMISTRY SECTION
U.S. NAVAL RESEARCH LABORATORY
CODE 4332
WASHINGTON, D.C. 20375

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL CHEMISTRY
OCEANOGRAPHY

399 LEVIN, MORRIS A. 202/382-2575
ENVIRONMENTAL SCIENTIST
ACID DEPOSITION RESEARCH STAFF
U.S. ENVIRONMENTAL PROTECTION STAFF
401 M STEET, SW ( RD 676 )
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
MICROBIOLOGY
GENETICS

400 LUECK, DAVID 203/695-5509
METEOROLOGIST
DEPARTMENT OF DEFENSE
HQDA (OAMI-ISP), PENTAGON
WASHINGTON, D.C. 70310

DISCIPLINARY COMPETENCIES
METEOROLOGY
MATHEMATICS
PROJECT MANAGEMENT

401 LUKEN, RALPH A. 212/382-5475
CHIEF, BENEFITS STAFF, ECONOMIC ANAL DIV
OFFICE OF POLICY ANALYSIS, OPRM
U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M STREET, SW ( PM-220 )
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
ECONOMICS

402 MCKENZIE, RAYMOND L. 301/921-2862
RESEARCH CHEMIST
NATIONAL BUREAU OF STANDARDS
ROOM B326, CHEM BUILDING
WASHINGTON, DC 20234

DISCIPLINARY COMPETENCIES
BIOPHYSICS
PHYSICAL CHEMISTRY
ANALYTICAL CHEMISTRY
AEROSOL TECHNOLOGY

403 MORRIS, J. ROGER 202/252-6453
POLICY COORDINATION SPECIALIST
D.O.E./POLICY AND PROGRAM ANALYSIS
1000 INDEPENDENCE AVENUE, SW
WASHINGTON, D.C. 20585

DISCIPLINARY COMPETENCIES
CONTROL STRATEGY ANALYSIS
POLICY ANALYSIS

404 OKABE, HIDEO 301/921-2719
RESEARCH CHEMISTRY
NATIONAL BUREAU OF STANDARDS
WASHINGTON, D.C. 20234

DISCIPLINARY COMPETENCIES
PHYSICAL CHEMISTRY

405 PENNELL, WILLIAM 202/382-5989
ACID DEPOSITION RESEARCH STAFF
U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M STREET, SW ( RD-676 )
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
TRANSPORT PROCESSES
BOUNDARY LEVEL PROCESSES

406 POWELL, C.J. 301/921-2188
CHIEF, SURFACE SCIENCE DIVISION
NATIONAL BUREAU OF STANDARDS
ROOM B248, CHEMISTRY BUILDING
WASHINGTON, DC 20234

DISCIPLINARY COMPETENCIES
SURFACE ANALYSES AND SURFACE
CHARACTERIZATION

407 ROSENTHAL, ROBERT 202/382-5600
ACID DEPOSITION ASSESSMENT STAFF
U.S. DEPT OF ENERGY / U.S. EPA
401 M STREET, SW ( RD-676 )
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
ASSESSMENT OF ACID RAIN EFFECTS
MODELING
POLICY ANALYSIS

408 SCHWENGELS, PAUL 202/382-5600
ACID DEPOSITION ASSESSMENT STAFF
U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M STREET, SW ( RD-676 )
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
INTEGRATIVE ASSESSMENT
EMISSION SOURCES AND CONTROLS

409 SIEGER, JACK 202/252-6452
DIRECTOR, ENVIRONMENT DIVISION,
POLICY PLANNING AND ANALYSIS
DEPARTMENT OF ENERGY
1000 INDEPENDENCE AVE, S.W.
WASHINGTON, D.C. 20585

DISCIPLINARY COMPETENCIES
ENGINEERING
POLICY ANALYSIS

410 SMITH, LOWELL 202/382-2576
DIRECTOR, ACID DEPOSITION RESEARCH STAFF
U.S. ENVIRONMENTAL PROTECTION AGENCY
401 M STREET, SW ( RD-676 )
WASHINGTON, DC 20460

DISCIPLINARY COMPETENCIES
PHYSICS
SYSTEMS ANALYSIS
POLICY ANALYSIS

411 STEIN, ROBERT E. 202/457-0457
PRESIDENT
ENVIRONMENTAL MEDIATION INTERNATIONAL
1015 18TH ST, N.W.
WASHINGTON, DC 20036

DISCIPLINARY COMPETENCIES
INTERNATIONAL LAW AND POLICY

412 UMAN, MYRON F. 202/334-3060
EXECUTIVE SECRETARY
ENVIRONMENTAL STUDIES BOARD
NATIONAL RESEARCH COUNCIL/ NATIONAL
ACADEMY OF SCIENCES
2101 CONSTITUTION AVE, NW
WASHINGTON, DC 20418

DISCIPLINARY COMPETENCIES
MANAGE NAS STUDIES OF
ACID PRECIPITATION

413 WARNICK, WALT
U.S. DEPARTMENT OF ENERGY
ER-33, CENTURY XXI
WASHINGTON, D.C. 20545

DISCIPLINARY COMPETENCIES
ASSESSMENTS

414 WEBER, DAVID E. 202/382-5982
PROG COORDINATOR FOR ECOLOGICAL EFFECTS
U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RESEARCH AND DEVELOPMENT
401 M ST. SW ( RD-682 )
WASHINGTON, D.C. 20460

DISCIPLINARY COMPETENCIES
ECOLOGY
PLANT PATHOLOGY
RESEARCH PLANNING

## FLORIDA

415 BITTON, GABRIEL 904/392-0838
PROFESSOR
DEPARTMENT ENVIRONMENTAL ENGINEERING SCI
UNIVERSITY OF FLORIDA
204 BLACK HALL
GAINESVILLE, FLORIDA 32611

DISCIPLINARY COMPETENCIES
MICROBIOLOGY

416 BRAMAN, ROBERT S. 813/974-2365
PROFESSOR OF CHEMISTRY
UNIVERSITY OF SOUTH FLORIDA
TAMPA, FLORIDA 33620

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
ENVIRONMENTAL CHEMISTRY

417 BRASS, GARRETT W. 305/350-7448
ASSOCIATE PROFESSOR
RSMAS-MGG
UNIVERSITY OF MIAMI
4600 RICKENBACKER CAUSEWAY
MIAMI, FLORIDA 33149

DISCIPLINARY COMPETENCIES
ISOTOPE GEOCHEMISTRY

418 EDGERTON, ERIC S. 904/372-3318
ASSOCIATE SCIENTIST
ENVIRONMENTAL SCIENCE/ENGINEERING, INC.
P.O. BOX ESE
GAINESVILLE, FLORIDA 32602

DISCIPLINARY COMPETENCIES
CHEMISTRY
MATHEMATICAL MODELING
METEOROLOGY

419 GHOLZ, HENRY L. 909/392-4851
ASSISTANT PROFESSOR
UNIVERSITY OF FLORIDA
118 NEWINS-ZIEGLER HALL
GAINESVILLE, FLORIDA 32611

DISCIPLINARY COMPETENCIES
FOREST ECOSYSTEM ANALYSIS

420 HENDRICKSON, E. R. 904/372-3318
CHAIRMAN
ENVIRON. SCIENCE AND ENGINEERING, INC.
P.O. BOX ESE
GAINESVILLE, FLORIDA 32602

DISCIPLINARY COMPETENCIES
BIOCHEMISTRY
ENVIRONMENTAL ENGINEERING
ENVIRONMENTAL MANAGEMENT

421 KNOTT, WILLIAM M. 305/867-3152
BIOLOGICAL SCIENCES OFFICER
NATIONAL AERONAUTICS AND SPACE ADMIN.
JOHN F. KENNEDY SPACE CENTER, NASA,
ATTN: MD-ESB-C
KENNEDY SPACE CENTER, FLORIDA 32899

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGICAL ECOLOGY
AIR POLLUTION EFFECTS ON VEGETATION

422 KOSKY, KENNARD F. 904/372-3318
VICE PRESIDENT
ENVIRON. SCIENCE AND ENGINEERING, INC.
P.O. BOX ESE
GAINESVILLE, FLORIDA 32602

DISCIPLINARY COMPETENCIES
ENGINEERING
MATHEMATICAL MODELING
PROJECT MANAGEMENT

423 LESLIE, ALISTAIR C. D. 904/644-6700
DEPARTMENT OF OCEANOGRAPHY
FLORIDA STATE UNIVERSITY
TALLAHASSEE, FLORIDA 32306

DISCIPLINARY COMPETENCIES
TRACE ELEMENT ANALYSIS OF
ATMOSPHERIC AEROSOLS
PARTICLE INDUCED X-RAY EMISSION
(PIKE)

424 MADSEN, BROOKS 305/275-2246
PROFESSOR
DEPARTMENT OF CHEMISTRY
UNIVERSITY OF CENTRAL FLORIDA
P.O. BOX 25000
ORLANDO, FLORIDA 32816

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY

425 POLLMAN, CURTIS D. 904/372-3318
SENIOR ASSOCIATE SCIENTIST
ENVIRON. SCIENCE AND ENGINEERING, INC.
P.O. BOX ESE
GAINESVILLE, FLORIDA 32602

DISCIPLINARY COMPETENCIES
CHEMISTRY
LIMNOLOGY

426 RIEKER, H. 904/392-4851
ASSISTANT PROFESSOR
SCHOOL OF FOREST RESOURCES
AND CONSERVATION
UNIVERSITY OF FLORIDA, NZ 365
GAINESVILLE, FLORIDA 32611

DISCIPLINARY COMPETENCIES
FOREST SOILS
FOREST WATERSHEDS

427 RIEKERK, H. 904/392-5420
ASSISTANT PROFESSOR
SCH. OF FOREST RESOURCES & CONSERVATION
UNIVERSITY OF FLORIDA
365 N-Z HALL
GAINESVILLE, FLORIDA 32611

DISCIPLINARY COMPETENCIES
FOREST HYDROLOGY
MINERAL CYCLING
FOREST SOILS
WATER QUALITY

428 ROSENDAHL, PETER C. 305/245-5266
RESEARCH HYDROLOGIST
EVERGLADES NATIONAL PARK
SOUTH FLORIDA RESEARCH CENTER
HOMESTEAD, FLORIDA 33030

DISCIPLINARY COMPETENCIES
WETLAND HYDROLOGY
WATER QUALITY
ENVIRONMENTAL ENGINEERING

429 SCHERT, JOHN D. 904/372-3318
STAFF ENGINEER
ENVIRON. SCIENCE AND ENGINEERING, INC.
P.O. BOX ESE
GAINESVILLE, FLORIDA 32602

DISCIPLINARY COMPETENCIES
ENGINEERING
MONITORING LOGISTICS

430 SEQUEIRA, RONALD 813/637-7563
500 VIA TRIPOLI #4
PUNTA GORDA, FLORIDA 33950

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION
MONITORING/FIELD MEASUREMENTS

431 TROUTMAN, DAVID E. 904/386-1118
HYDROLOGIST
U.S. GEOLOGICAL SURVEY
325 JOHN KNOX ROAD, SUITE F-240
TALLAHASSEE, FLORIDA 32303

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY
HYDROLOGY

432 VOLK, BOB G. 904/392-1951
ASSOCIATE PROFESSOR
DEPARTMENT OF SOIL SCIENCE
UNIVERSITY OF FLORIDA
2169 MCCARYL HALL
GAINESVILLE, FLORIDA 32611

DISCIPLINARY COMPETENCIES
AGRONOMY-PLANT SCIENCES
CHEMISTRY
SOIL SCIENCE

433 WINCHESTER, JOHN W. 904/644-6700
PROFESSOR
DEPARTMENT OF OCEANOGRAPHY
FLORIDA STATE UNIVERSITY
TALLAHASSEE, FLORIDA 32306

DISCIPLINARY COMPETENCIES
CHEMISTRY- ATMOSPHERIC, MARINE,
NUCLEAR, PHYSICAL
GEOCHEMISTRY

434 WOLTZ, SHREVE S. 813/755-1568
PLANT PHYSIOLOGIST
UNIVERSITY OF FLORIDA, AREC-B
5007-60 STREET E.
BRADENTON, FLORIDA 33508

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
SOIL SCIENCE

## GEORGIA

435 CROSSLEY, D.A.
DEPARTMENT OF ENTOMOLOGY
UNIVERSITY OF GEORGIA
ATHENS, GEORGIA 30602

DISCIPLINARY COMPETENCIES
ECOLOGY- ARTHROPOD FOOD CHAINS
SOIL ECOLOGY

436 HAINES, BRUCE L. 404/542-3733
ASSISTANT PROFESSOR OF BOTANY
DEPARTMENT OF BOTANY
UNIVERSITY OF GEORGIA
ATHENS, GEORGIA 30602

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY- MINERAL NUTRIENT CYCL

437 JACKSON, CURTIS R. 404/228-7263
ASSOCIATE DIRECTOR
GEORGIA EXPERIMENT STATION
UNIVERSITY OF GEORGIA
EXPERIMENT, GEORGIA 30212

DISCIPLINARY COMPETENCIES
RESEARCH ADMINISTRATION
PLANT PATHOLOGY

438 KIANG, C.S. 404/894-3896
PROFESSOR AND ASSOCIATE DIRECTOR
SCHOOL OF GEOPHYSICAL SCIENCES
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

DISCIPLINARY COMPETENCIES
THEORETICAL STUDIES ON THE FORMATION
MECHANISMS OF ACID RAIN
NUMERICAL MODELLING OF ACID RAIN
FIELD MEASUREMENTS

439 MATTESON, MICHAEL J. 404/894-2876
PROFESSOR, SCHOOL CHEM. ENGINEERING
GEORGIA INSTITUTE OF TECHNOLOGY
225 NORTH AVENUE NW
ATLANTA, GEORGIA 30332

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING
PHYS. CHEMISTRY OF AEROSOL SYSTEMS

440 MCMAHON, CHARLES K.
PROJECT LEADER
USDA FOREST SERVICE
SOUTHEASTERN FOREST EXP. STATION
SOUTHERN FOREST FIRE LAB.
ROUTE 1, BOX 182A
DRY BRANCH, GEORGIA 31020

DISCIPLINARY COMPETENCIES
ANALYTICAL, ORGANIC AND ATMOS. CHEM.

441 PEAKE, THADDEUS A. 404/881-2864
ENVIRONMENTAL ENGINEER
U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION IV
345 COURTLAND STREET
ATLANTA, GEORGIA 30365

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL ENGINEERING

442 PEDERSON, GARY L. 404/221-3394
REGIONAL WATER QUALITY SPECIALIST
U.S. GEOLOGICAL SURVEY
75 SPRING ST. SW, SUITE 772
ATLANTA, GEORGIA 30303

DISCIPLINARY COMPETENCIES
WATER QUALITY

443 RAGSDALE, HARVEY L. 404/329-4216
ASSOCIATE PROFESSOR OF BIOLOGY
EMORY UNIVERSITY
ATLANTA, GEORGIA 30322

DISCIPLINARY COMPETENCIES
GASEOUS AIR POLLUTANTS
CHEMICAL ELEMENT FLUX IN SOIL-PLANT
SYSTEMS

444 WALKER, JERRY T. 404/228-7202
HEAD, DEPT. PLANT PATHOLOGY
UNIVERSITY OF GEORGIA, GEORGIA STATION
EXPERIMENT, GEORGIA 30212

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY
NEMATOLOGY

445 WINGER, PARLEY V. 404/546-2146
LEADER, CNFRL ATHENS FIELD RESEARCH STN
U.S. FISH AND WILDLIFE SERVICE
UNIVERSITY OF GEORGIA
ATHENS, GEORGIA 30602

DISCIPLINARY COMPETENCIES
FISH AND BENTHIC POPULATIONS

446 WINNICK, JACK 404/894-2839
PROFESSOR OF CHEMICAL ENGINEERING
GEORGIA INSTITUTE OF TECHNOLOGY
ATLANTA, GEORGIA 30332

DISCIPLINARY COMPETENCIES
ELECTROCHEMISTRY
CHEMICAL ENGINEERING
SEPARATION TECHNOLOGY
PHASE EQUILIBRIA

447 KIM, BYUNG R. 404/894-2265
ASSISTANT PROFESSOR OF CIVIL ENGINEERING
GEORGIA INSTITUTE OF TECHNOLOGY
SCHOOL OF CIVIL ENGINEERING,
GEORGIA, TECH
ATLANTA, GEORGIA 30332

DISCIPLINARY COMPETENCIES
SYSTEMATIC ANALYSIS OF ACIDIFICATION
EFFECTS ON AQUATIC ECOSYSTEM

## IDAHO

448 BREVER, DAVID W. 208/799-1161
SOILS RESEARCH FORESTER
POTLATCH CORPORATION
WOOD PRODUCTS, WESTERN DIVISION
P.O. BOX 1016
LEWISTON, IDAHO 83501

DISCIPLINARY COMPETENCIES
FORESTRY
SOIL CHEMISTRY
SOIL PHYSICS
NUTRIENT CYCLING

449 FARWELL, SHERRY O. 208/885-6387
ASSOCIATE PROFESSOR OF CHEMISTRY
UNIVERSITY OF IDAHO
MOSCOW, IDAHO 83843

DISCIPLINARY COMPETENCIES
ANALYTICAL AND ATMOSPHERIC CHEMISTRY

450 GEBHARDT, KARL 208/334-1892
HYDROLOGIST
BUREAU OF LAND MANAGEMENT
BOX 042 FEDERAL BLDG
550 WEST FORT STREET
BOISE, IDAHO 83724

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL ENGINEERING

451 STEPHENSON, GORDON R. 208/334-1363
GEOLOGIST
USDA-ARS
1175 SO. ORCHARD
BOISE, IDAHO 83705

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION

## ILLINOIS

452 ANDERSON, LOUISE E. 312/996-4547
PROFESSOR OF BIOLOGICAL SCIENCES
UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE
P.O. BOX 4348
CHICAGO, ILLINOIS 60680

DISCIPLINARY COMPETENCIES
PLANT BIOCHEMISTRY

453 AUBERTIN, G. M. 618/453-3341
ASSOCIATE PROFESSOR
DEPT. OF FORESTRY
SOUTHERN ILLINOIS UNIVERSITY
CARBONDALE, ILLINOIS 62901

DISCIPLINARY COMPETENCIES
NUTRIENT CYCLING
PRECIPITATION QUALITY
STREAM WATER QUALITY

454 BANWART, WAYNE L. 217/333-4250
ASSOCIATE PROFESSOR
UNIVERSITY OF ILLINOIS
S-220 TURNER HALL
1102 SOUTH GOODWIN
URBANA, ILLINOIS 61801

DISCIPLINARY COMPETENCIES
AGRONOMY
SOIL SCIENCE

455 BLASZAK, THOMAS 312/368-3894
PRINCIPAL ENGINEER
ADVANCES TECHNOLOGY DIVISION
FLVOR ENGINEERS, INC.
200 W. MONROE STREET
CHICAGO, ILLINOIS 60606

DISCIPLINARY COMPETENCIES
POLICY AND REGULATORY OPTIONS

456 BOXERSOX, VAN C. 217/333-7873
ASSISTANT PROFESSIONAL SCIENTIST
ILLINOIS STATE WATER SURVEY
605 E. SPRINGFIELD AVENUE
P.O. BOX 5050, STATION A
CHAMPAIGN, ILLINOIS 61820

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
METEOROLOGY
PRECIPITATION CHEMISTRY

457 CARLSON, CLAIRE L. 618/536-5521
RESEARCH ASSOCIATE
COAL EXTRACTION AND UTILIZATION CENTER
SOUTHERN ILLINOIS UNIVERSITY
CARBONDALE, ILLINOIS 62901

DISCIPLINARY COMPETENCIES
HEAVY METAL DYNAMICS IN SOIL-PLANT SYSTEMS

458 CULHANE, PAUL J. 312/492-3395
RESEARCH POLITICAL SCIENTIST
CENTER FOR URBAN AFFAIRS AND POLICY RES
NORTHWESTERN UNIVERSITY
2040 SHERIDAN ROAD
EVANSTON, ILLINOIS 60201

DISCIPLINARY COMPETENCIES
NATURAL RESOURCES POLICY AND ADMINISTRATION

459 DOLSKE, DONALD A. 217/333-7858
ASSISTANT PROFESSIONAL SCIENTIST
ATMOSPHERIC CHEMISTRY SECTION
ILLINOIS STATE WATER SURVEY
P.O. BOX 5050- STATION A
CHAMPAIGN, ILLINOIS 61820

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION

460 DOTY, KEVIN G. 217/333-7128
ASSISTANT SUPPORTIVE RESEARCH SCIENTIST
ILLINOIS STATE WATER SURVEY
605 E. SPRINGFIELD,P.O. BOX 5050
CHAMPAIGN, ILLINOIS 61820

DISCIPLINARY COMPETENCIES
TRAJECTORY CALCULATIONS

461 DVORAK, ANTHONY J. 312/972-3107
ASSOCIATE DIVISION DIRECTOR
ENVIRONMENTAL IMPACT STUDIES
ARGONNE NATIONAL LABORATORY
9700 SOUTH CASS AVENUE
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY

462 ENDRESS, ANTON G. 217/333-6898
ASSOCIATE BOTANIST
ILLINOIS STATE NATURAL HISTORY SURVEY
172 NATURAL RESOURCES BUILDING
URBANA, ILLINOIS 61801

DISCIPLINARY COMPETENCIES
CYTOLOGY
ANATOMY/MORPHOLOGY
GROWTH AND DEVELOPMENT

463 FARBER, PAUL S. 312/972-5634
PROGRAM MANAGER
ARGONNE NATIONAL LABORATORY
9700 S. CASS AVENUE, BLDG 362
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
COAL CLEANING
ECONOMICS OF CONTROL
PARTICULATES AND GASEOUS REMOVAL TECHNIQUES

464 FRENZEN, PAUL 312/972-5830
SENIOR METEOROLOGIST
ASSOCIATE DIVISION DIRECTOR
ARGONNE NATIONAL LABORATORY
BUILDING D-203
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
METEOROLOGY
ATMOSPHERIC TURBULENCE AND DIFFUSION

465 GATZ, DONALD F. 217/333-2512
HEAD, ATMOSPHERIC CHEMISTRY SECTION
ILLINOIS STATE WATER SURVEY
P.O. BOX 5050, STATION A
CHAMPAIGN, ILLINOIS 61820

DISCIPLINARY COMPETENCIES
CHEMISTRY
METEOROLOGY

466 GILMORE, A. R. 217/333-4308
PROFESSOR, DEPT. OF FORESTRY
UNIVERSITY OF ILLINOIS
URBANA, ILLINOIS 61801

DISCIPLINARY COMPETENCIES
FOREST SOILS
TREE PHYSIOLOGY

467 HASSETT, JOHN J. 217/333-4376
ASSOCIATE PROFESSOR SOIL CHEMISTRY
DEPARTMENT OF AGRONOMY
UNIVERSITY OF ILLINOIS
S-512 TURNER HALL
URBANA, ILLINOIS 61801

DISCIPLINARY COMPETENCIES
SOIL AND ENVIRONMENTAL CHEMISTRY

468 HESKETH, HOWARD E. 614/536-2396
PROFESSOR/CONSULTANT
COLLEGE OF ENGINNERING
SOUTHERN ILLINOIS UNIVERSITY
CARBONDALE, ILLINOIS 62901

DISCIPLINARY COMPETENCIES
CONTROL DEVICES/TECHNOLOGIES

469 HOLT, BEN D. 312/972-4347
CHEMIST
ARGONNE NATIONAL LABORATORY
205-B134, 9700 SOUTH CASS AVENUE
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
ENVIRONMENTAL CHEMISTRY
ANALYTICAL CHEMISTRY

470 HOPKE, PHILLIP K. 217/333-6230
PROFESSOR OF ENVIRONMENTAL CHEMISTRY
UNIVERSITY OF ILLINOIS
1005 W. WESTERN AVENUE
URBANA, ILLINOIS 61801

DISCIPLINARY COMPETENCIES
MONITORING
RECEPTOR MODELING
SCRUBBING TECHNOLOGY

471 HUTTON, ROBERT 217/782-5811
OPERATIONS MANAGER
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

DISCIPLINARY COMPETENCIES
AIR MONITORING

472 IRVING , PATRICIA M. 312/972-4211
ASST. ECOLOGIST
ARGONNE NATIONAL LABORATORY RER/203
9700 S. CASS AVENUE
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGICAL ECOLOGY
PRECIPITATION CHEMISTRY

473 KUMAR, ROMESH 312/972-4342
GROUP LEADER
ARGONNE NATIONAL LABORATORY
9700 S. CASS AVENUE
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
AEROSOL CHEMISTRY
ATMOSPHERIC TRANSFORMATION CHEMISTRY

474 MILLER, JOSEPH E. 815/972-4206
PLANT PHYSIOLOGIST
ARGONNE NATIONAL LABORATORY
9700 SOUTH CASS AVE., BLDG. 203
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
PLANT BIOCHEMISTRY
CROP PHYSIOLOGY

475 MILLER, R. MICHAEL 312/972-3395
SOIL MICROBIOLOGIST
ARGONNE NATIONAL LABORATORY
9700 S. CASS AVENUE
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
C,N,S CYCLING
EDAPHIC FACTORS
MICROBIOLOGY-SYMBIOSIS

476 NICHOLAS, GEORGE W. 312/297-6120
PARTNER
DAMES AND MOORE
1550 NORTHWEST HIGHWAY
PARK RIDGE, ILLINOIS 60068

DISCIPLINARY COMPETENCIES
LONG RANGE TRANSPORT

477 PALMER, WILLIAM D. 312/269-2525
ENVIRONMENTAL ENGINEER
SARGENT AND LUNDY ENGINEERS
55 E. MONROE STREET
CHICAGO, ILLINOIS 60603

DISCIPLINARY COMPETENCIES
MODELING- TRANSPORT THROUGH SOILS,
AQUITERS AND BEDROCK ( INTO LAKES )

478 PEDEN, MARK E. 217/333-8325
HEAD-ANALYTICAL CHEMISTRY UNIT
ILLINOIS STATE WATER SURVEY
BOX 5050-STATION A
CHAMPAIGN, ILLINOIS 61820

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
PRECIPITATION CHEMISTRY
TRACE METAL DEPOSITIONS

479 PENDOWSKI, JAMES J. 217/782-3362
ENVIRONMENTAL PROTECTION SPECIALIST
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

DISCIPLINARY COMPETENCIES
PUBLIC ADMINISTRATION
WATER RESOURCE MANAGEMENT

480 POHLOT, PETER D. 312/269-6636
AIR QUALITY ENGINEER
SARGENT AND LUNDY ENGINEERS
55 E. MONROE-30TH FLOOR
CHICAGO, ILLINOIS 60603

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION

481 RAUFER, ROGER K. 312/323-4663
MANAGER, ENVIRONMENTAL SERVICES
ETA ENGINEERING, INC.
415 E. PLAZA DRIVE
WESTMONT, ILLINOIS 60559

DISCIPLINARY COMPETENCIES
COST IMPACTS
DISPERSION MODELING
ECONOMIC CONTROL MECHANISMS

482 ROLFE, GARY L. 217/333-2770
PROFESSOR AND HEAD
DEPARTMENT OF FORESTRY
UNIVERSITY OF ILLINOIS
110 MUMFORD, 1301 W. GREGORY DRIVE
URBANA, ILLINOIS 61801

DISCIPLINARY COMPETENCIES
ECOLOGY
FORESTRY

483 SCHUBERT, JEFFREY P. 312/972-3416
ASST ENVIRONMENTAL SYSTEMS ENGINEER
ARGONNE NATIONAL LABORATORY
9700 SOUTH CASS AVENUE
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
AQUEOUS GEOCHEMISTRY
GROUNDWATER AND SOIL WATER HYDROLOGY

484 SEMONIN, RICHARD G. 217/333-4967
ASSISTANT CHIEF
ILLINOIS STATE WATER SURVEY
BOX 5050, STATION A
CHAMPAIGN, ILLINOIS 61820

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
CLOUD PHYSICS
PLANNED AND INADVERTENT WEATHER
MODIFICATION
RADAR METEOROLOGY

485 SHANNON, JACK D. 312/972-5807
METEOROLOGIST
RADIOLOGICAL AND ENVIRONMENTAL RES DIV
ARGONNE NATIONAL LABORATORY
BUILDING 181
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
MODELING OF LONG-RANGE TRANSPORT
AND DEPOSITION

486 SIEGEL, STANLEY 312/972-4347
SENIOR PHYSICIST
ARGONNE NATIONAL LABORATORY
CHEMICAL TECHNOLOGY 205
9700 S. CASS AVENUE,
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
CRYSTAL CHEMISTRY
X-RAY DIFFECTION

487 SISTERSON, DOUGLAS L. 312/972-5836
SCIENTIFIC ASSOCIATE
ARGONNE NATIONAL LABORATORY
RADIOLOGY AND ENVIRONMENTAL RES DIV
BUILDING 181
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
METEOROLOGY

488 SLATER, MICHAEL 217/333-3936
ASSISTANT SUPPORTIVE SCIENTIST
ILLINOIS STATE WATER SURVEY
605 E. SPRINGFIELD AVENUE
CHAMPAIGN, ILLINOIS 61820

DISCIPLINARY COMPETENCIES
MONITORING- PH,SPECIFIC CONDUCTANCE

489 STENSLAND, GARY J. 217/333-2213
PROFESSIONAL SCIENTIST
ILLINOIS STATE WATER SURVEY
BOX 5050 STATION A
CHAMPAIGN, ILLINOIS 61801

DISCIPLINARY COMPETENCIES
AIR POLLUTION METEOROLOGY
ATMOSPHERIC CHEMISTRY
PHYSICS

490 STOCKHAM, JOHN 312/567-4299
MANAGER, FINE PARTICLES RESEARCH
11T RESEARCH INSTITUTE
10 WEST 35TH STREET
CHICAGO, ILLINOIS 60616

DISCIPLINARY COMPETENCIES
SCAVENGING
WASHOUT
SOURCE AND AMBIENT AIR SURVEYS
ATMOSPHERIC CHEMISTRY
PARTICLE SAMPLING & CHARACTERIZATION
SOURCE/RECEPTOR RELATIONSHIPS

491 STREETS, DAVID G. 312/972-3448
ENVIRONMENTAL SCIENTIST
ENERGY AND ENVIRONMENTAL SYSTEMS DIV.
ARGONNE NATIONAL LABORATORY
9700 S. CASS AVENUE, BLDG 352
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
AQUATIC EFFECTS

492 STUKEL, JAMES 217/333-8861
PROF. OF CIVIL ENG. AND MECHANICAL ENG.
UNIVERSITY OF ILLINOIS- URBANA
URBANA, ILLINOIS 61801

DISCIPLINARY COMPETENCIES
UTILITY MODELING

493 TROUT, DENNIS A. 312/353-2207
REGIONAL METEOROLOGIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 5
230 SOUTH DEARBORN
CHICAGO, ILLINOIS 60604

DISCIPLINARY COMPETENCIES
ATMOS TRANSPORT AND DISPERSION
METEOROLOGY

494 WEAVER, GEORGE T. 618/453-3341
ASSOCIATE PROFESSOR
DEPARTMENT OF FORESTRY
SOUTHERN ILLINOIS UNIVERSITY
CARBONDALE, ILLINOIS 62901

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
SOIL SCIENCE

495 WESELY, MARY L. 312/972-5827
METEOROLOGIST AND HEAD ATMOS PHYSICS SEC
ARGONNE NATIONAL LABORATORY
BUILDING 181
RADIOLOGY AND ENVIRONMENTAL RESEARCH DIV
ARGONNE, ILLINOIS 60439

DISCIPLINARY COMPETENCIES
DRY DEPOSITION
TRANS. IN PLANETARY BOUNDARY LAYER

## INDIANA

496 ARMENTANO, THOMAS V. 317/283-9551
RESEARCH SCIENTIST
THE INSTITUTE OF ECOLOGY
4600 SUNSET AVENUE
INDIANAPOLIS, INDIANA 46208

DISCIPLINARY COMPETENCIES
PRODUCTIVITY OF FORESTS AND CROPS

497 BRUNANSKY, LOUIS 219/926-7561
AIR RESOURCE SPECIALIST EXT 419
INDIANA DUNES NATIONAL LAKESHORE
1100 N. MINERAL SPRINGS ROAD
PORTER, INDIANA 46368

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

498 CARPENTER, STEPHEN R. 219/239-5544
ASSISTANT PROFESSOR
DEPARTMENT OF BIOLOGY
UNIVERSITY OF NOTRE DAME
NOTRE DAME, INDIANA 46556

DISCIPLINARY COMPETENCIES
LIMONOLOGY

499 KOHN, JAMES P. 219/239-6491
PROFESSOR OF CHEMICAL ENGINEERING
DEPARTMENT OF CHEMICAL ENGINEERING
UNIVERSITY OF NOTRE DAME
NOTRE DAME, INDIANA 46556

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING
HETEROGENEOUS PHASE EQUILIBRIA
SOLUTION THERMODYNAMICS

500 LOUCKS, ORIE L. 317/283-9551
RESEARCH SCIENTIST
HOLCOMB RESEARCH INSTITUTE
4600 SUNSET AVENUE
INDIANAPOLIS, INDIANA 46208

DISCIPLINARY COMPETENCIES
AQUATIC EFFECTS
FOREST EFFECTS
MODELING
WATERSHED PROCESSES

501 MCFEE, WILLIAM W. 317/494-8044
PROFESSOR
AGRONOMY DEPT - LILY
PURDUE UNIVERSITY
WEST LAFAYETTE, INDIANA 47907

DISCIPLINARY COMPETENCIES
FOREST SOILS
SOIL CHEMISTRY
SOIL FERTILITY

502 PAW U, KYAW THA 317/494-8103
ASSISTANT PROFESSOR
DEPARTMENT OF AGRONOMY
PURDUE UNIVERSITY
WEST LAFAYETTE, INDIANA 47907

DISCIPLINARY COMPETENCIES
AEROBIOLOGY
AEROSOL PHYSICS
AIR POLLUTION METEOROLOGY
BIOMETEOROLOGY ( ENERGY BALANCES )
BOUNDARY LAYER

## IOWA

503 CARMICHAEL, GREGORY R. 319/353-4193
ASSOCIATE PROFESSOR, CHEMICAL ENG.
UNIVERSITY OF IOWA
125 A CHEMISTRY BUILDING
IOWA CITY, IOWA 52242

DISCIPLINARY COMPETENCIES
NUMERICAL ANALYSIS
METEOROLOGY
MODELING
TRANSPORT PHENOMENA

504 DURHAM, M.R. 319/264-6342
SENIOR METEOROLOGIST
STANLEY CONSULTANTS, INC.
STANLEY BUILDING
MUSCATINE, IOWA 52761

DISCIPLINARY COMPETENCIES
TERRESTRIAL ECOLOGY
LIMNOLOGY

505 OTOOLE, JAMES J. 515/294-2500
LIFE SCIENTIST
AMES LABORATORY
IOWA STATE UNIVERSITY
AMES, IOWA 50010

DISCIPLINARY COMPETENCIES
BIOCHEMISTRY
PHYSIOLOGY
RADIOECOLOGY

506 SCHNOOR, JERALD L. 319/353-7262
ASSOCIATE PROFESSOR OF ENVIRONMENTAL ENGINEERING
UNIVERSITY OF IOWA
ENGINEERING BUILDING, 2134 EB
IOWA CITY, IOWA 52242

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS

507 TABATABAI, M. ALI 515/294-4273
PROFESSOR, DEPT. OF AGRONOMY
IOWA STATE UNIVERSITY
AMES, IOWA 50011

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY
SOIL BIOCHEMISTRY

## KANSAS

508 LESTER, THOMAS W. 913/532-5624
PROFESSOR
DEPARTMENT OF NUCLEAR ENGINEERING
KANSAS STATE UNIVERSITY
MANHATTAN, KANSAS 66502

DISCIPLINARY COMPETENCIES
COMBUSTION AND POLLUTANT FORMATION

## KENTUCKY

509 GROVE, J. H. 606/258-5852
ASSISTANT PROFESSOR- SOIL SCIENCE
AGRONOMY DEPARTMENT
UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY 40546

DISCIPLINARY COMPETENCIES
SOIL SCIENCE

510 PETERS, LEONARD K. 606/258-4958
ASSOCIATE PROFESSOR AND CHAIRMAN
DEPARTMENT OF CHEMICAL ENGINEERING
UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY 40506

DISCIPLINARY COMPETENCIES
ATMOSPHERIC TRANSPORT AND CHEMISTRY
MATHEMATICAL SIMULATION AND MODELING

## LOUISIANA

511 FEAGLEY, SAM 504/388-2110
ASSOCIATE PROFESSOR
AGRONOMY DEPARTMENT
LOUISIANA STATE UNIVERSITY
BATON ROUGE, LOUISIANA 70803

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY AND FERTILITY

512 FELDMAN, HOWARD J. 504/569-4747
ASSOCIATE ENVIRONMENTAL ANALYST
MIDDLE SOUTH SERVICES INC.
P.O. BOX 61000
NEW ORLEANS, LOUISINA 70161

DISCIPLINARY COMPETENCIES
METEOROLOGY
BIOLOGY

513 LEBLANC, JAMES D. 504/569-4740
ASSOCIATE ENVIRONMENTAL ANALYST
MIDDLE SOUTH SERVICES, INC.
P.O. BOX 61000
NEW ORLEANS, LOUISINA 70161

DISCIPLINARY COMPETENCIES
BIOLOGY
METEOROLOGY

# MAINE

514 ANDERSON, DENNIS S. 207/581-7005
RESEARCH ASSOCIATE
UNIVERSITY OF MAINE- ORONO
217 DEERING HALL
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
MICROFOSSIL ANALYSES ( DIATOMS, CHYDORIDS )
PALEOLIMNOLOGY
STATISTICAL ANALYSES

515 BERGE, FRODE 207/581-1110
DEPARTMENT OF BOTANY
UNIVERSITY OF MAINE
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
PALEOLIMNOLOGY
DIATOM ANALYSIS

516 CARVER, LEIGHTON E. 207/289-2437
DIVISION DIRECTOR
DEPT. OF ENVIRONMENTAL PROTECTION
STATION 17
AUGUSTA, MAINE 04333

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

517 CRONAN, CHRISTOPHER S. 207/581-2210
ASSISTANT PROF. OF BOTANY AND ECOLOGY
DEPARTMENT OF BOTANY AND PLANT PATHOLOGY
DEERING HALL
UNIVERSITY OF MAINE AT ORONO
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
BIOGEOCHEMISTRY
ECOSYSTEM ECOLOGY
SOIL CHEMISTRY

518 DAVIS, RONALD B. 207/581-7040
PROF. OF BOTANY AND QUATERNARY STUDIES
UNIVERSITY OF MAINE AT ORONO
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
LAKE ECOSYSTEMS, ESP. DIATOMS, BIOTA

519 FLETCHER, NORMAN E. 207/288-3369
RESOURCE MANAGEMENT SPECIALIST
NATIONAL PARK SERVICE
ACADIA NATIONAL PARK, BOX 177
BAR HARBOR, MAINE 04609

DISCIPLINARY COMPETENCIES
FIELD MONITORING

520 GLENN, ROLLIN C. 207/581-2771
PROFESSOR OF SOIL SCIENCE
UNIVERSITY OF MAINE, ORONO
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY
SOIL AND WATER CONSERVATION

521 HAINES, TERRY A. 207/581-2778
FISHERY BIOLOGIST
U.S. FISH AND WILDLIFE SERVICE
COLUMBIA NATIONAL FISHERIES RESEARCH LAB
FIELD RESEARCH STATION- DEPT OF ZOOLOGY
UNIVERSITY OF MAINE
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY
TOXICOLOGY

522 HESS, CHARLES T. 207/581-7547
ASSOCIATE PROFESSOR OF PHYSICS
UNIVERSITY OF MAINE
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
USE OF 137CS, 210PH- 210PO FOR DATING LAKE AND ESTUARINE SEDIMENTS AND SPHAGNUM BOGS

523 HUNTER, MALCOLM L., JR. 207/581-2860
ASSISTANT RESEARCH PROFESSOR OF WILDLIFE
COLLEGE OF FOREST RESOURCES
UNIVERSITY OF MAINE
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
WILDLIFE ECOLOGY

524 KAHL, JEFFREY S. 207/581-7486
RESEARCH ASSISTANT
DEPT. OF GEOLOGICAL SCIENCES
UNIVERSITY OF MAINE
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY

525 LONGCORE, JERRY R. 207/581-2510
WILDLIFE BIOLOGIST
U.S. FISH AND WILDLIFE SERVICE
UNIVERSITY OF MAINE
215 NUTTING HALL
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
MIGRATORY BIRDS - HABITATS
MONITORING/FIELD MEASUREMENTS

526 MCCORMACK, MAXWELL L., JR 207/581-2860
RESEARCH PROFESSOR
COOPERATIVE FORESTRY RESEARCH UNIT
COLLEGE OF FOREST RESOURCES
UNIVERSITY OF MAINE
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
DEVELOPMENT, NUTRITION,
VEGETATION GROWTH

527 NORTON, STEPHEN A. 207/581-7077
PROFESSOR AND CHAIRMAN OF GEOLOGICAL SCIENCES
UNIVERSITY OF MAINE AT ORONO
110 BOARDMAN HALL
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
LOW TEMPERATURE GEOCHEMISTRY
BEDROCK GEOLOGY OF THE NORTHERN
APPALACHIAN MOUNTAINS.

528 SCHELL, CARROLL J. 207/288-3338
RESOURCE MANAGEMENT SPECIALIST
NATIONAL PARK SERVICE
ACADIA NATIONAL PARK, BOX 177
BAR HARBOR, MAINE 04609

DISCIPLINARY COMPETENCIES
NATURAL RESOURCES MANAGEMENT

529 SCOTT, MATTHEW 207/289-2591
DIRECTOR, CHIEF BIOLOGIST
DIV OF ENVIRON EVALUATION AND LAKE STUDY
MAINE DEPT OF ENVIRON PROTECTION, STN 17
AUGUSTA, MAINE 04333

DISCIPLINARY COMPETENCIES
FOREST PESTICIDE STUDIES
LAKE STUDIES
POLICY

530 SMITH, C. TATTERSALL 207/581-7273
RESEARCH ASSISTANT
COLLEGE OF FOREST RESOURCES
UNIVERSITY OF MAINE
ORONO, MAINE 04469

DISCIPLINARY COMPETENCIES
SOIL ANALYSIS
TISSUE ANALYSIS
WATER CHEMISTRY

531 STANLEY, JON G. 207/581-7151
LEADER
MAINE COOPERATIVE FISHERY RESEARCH UNIT
UNIVERSITY OF MAINE
ORONO, MAINE 04473

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY
FISHERIES

# MARYLAND

532 ALBERS, PETER H. 301/776-4880
RESEARCH BIOLOGIST
U.S. FISH AND WILDLIFE SERVICE
PATUXENT WILDLIFE RESEARCH CENTER
LAUREL, MARYLAND 20708

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL CONTAMINANTS
PETROLEUM POLLUTION
WILDLIFE BIOLOGY

533 BENNETT, JESSE H. 301/344-3145
PLANT PHYSIOLOGIST-TOXICOLOGIST
USDA, ARS, PLANT PHYSIOLOGY INSTITUTE
BELTSVILLE AGRICULTURAL RESEARCH CENTER
BELTSVILLE, MARYLAND 20705

DISCIPLINARY COMPETENCIES
ASSIMILATION, FATE AND EFFECTS OF
SULFUR- AND NITROGEN-OXIDES

534 BLACK, HENRY D. 301/454-2708
RESEARCH ASSISTANT
DEPARTMENT OF METEOROLOGY
UNIVERSITY OF MARYLAND
COLLEGE PARK, MARYLAND 20742

DISCIPLINARY COMPETENCIES
AIR POLLUTION CHEMISTRY
ANALYTICAL CHEMISTRY
ELECTRONIC INSTRUMENTATION

535 BRINSFIELD, RUSSELL B. 301/827-6202
HEAD, WYE RESEARCH AND EDUCATION CENTER
UNIVERSITY OF MARYLAND
P.O. BOX 169
QUEENSTOWN, MARYLAND 21658

DISCIPLINARY COMPETENCIES
AGRICULTURAL ENGINEERING

536 CAMPBELL, SALLY 301/247-0700
SENIOR SCIENTIST
MARTTN MARIETTA ENVIRONMENTAL CENTER
1450 SOUTH ROLLING ROAD, P.O. BOX 3898
BALTIMORE, MARYLAND 21227

DISCIPLINARY COMPETENCIES
AIR QUALITY MODELING
CHEMISTRY, PHYSICS,
METEOROLOGY, TRACE ANALYSIS

537 CANFIELD, NORMAN L. 301/454-7372
RESEARCH ASSOCIATE
INSTITUTE FOR PHYSICAL SCIENCE AND TECH.
UNIVERSITY OF MARYLAND
COLLEGE PARK, MARYLAND 20742

DISCIPLINARY COMPETENCIES
CLIMATOLOGY
METEOROLOGICAL NETWORK MANAGEMENT

538 CARTER, JOHN P. 301/436-7527
RESEARCH CHEMIST
BUREAU OF MINES
AVONDALE RESEARCH CENTER
4900 LASALLE ROAD
AVONDALE, MARYLAND 20782

DISCIPLINARY COMPETENCIES
CORROSION AND MATERIALS DEGRADATION

539 CORRELL, DAVID L. 301/798-4424
ASSOCIATE DIRECTOR FOR SCIENCE
SI - CHESAPEAKE BAY CENTER FOR
ENVIRONMENTAL STUDIES, P.O. BOX 28
EDGEWATER, MARYLAND 21037

DISCIPLINARY COMPETENCIES
CHEMISTRY
ECOLOGY
PLANT PHYSIOLOGY

540 CRAMER, STEPHEN D. 301/436-7527
GROUP SUPERVISOR
BUREAU OF MINES
AVONDALE RESEARCH CENTER
4900 LASALLE ROAD
AVONDALE, MARYLAND 20782

DISCIPLINARY COMPETENCIES
CORROSION AND MATERIALS DEGRADATION

541 CUSTER, THOMAS W. 301/776-4880
RESEARCH BIOLOGIST
PATUXENT WILDLIFE RESEARCH CENTER- USFWS
LAUREL, MARYLAND 20708

DISCIPLINARY COMPETENCIES
ECOLOGY
VERTEBRATE ZOOLOGY

542 DARNELL, DENISE M. 301/436-7509
CHEMIST
BUREAU OF MINES
AVONDALE RESEARCH CENTER
4900 LASALLE ROAD
AVONDALE, MARYLAND 20782

DISCIPLINARY COMPETENCIES
CORROSION AND MATERIALS DEGRADATION

543 DRAXLER, ROLAND R. 301/443-8811
METEOROLOGIST
AIR RESOURCES LABORATORIES, NOAA, R32
6010 EXECUTIVE BLVD.
ROCKVILLE, MARYLAND 20852

DISCIPLINARY COMPETENCIES
TRANSPORT AND DISPERSION

544 FERRIER, M. DREW 301/387-6666
ASSISTANT PROFESSOR OF BIOLOGY EXT 67
GARRETT COMMUNITY COLLEGE
MOSSER ROAD
MCHENRY, MARYLAND 21541

DISCIPLINARY COMPETENCIES
AQUATIC ECOSYSTEM ECOLOGY
FIELD SAMPLING AND ANALYSIS

545 FLINN, DAVID R. 301/436-7526
RESEARCH SUPERVISOR
BUREAU OF MINES
AVONDALE RESEARCH CENTER
4900 LASALLE ROAD
AVONDALE, MARYLAND 20782

DISCIPLINARY COMPETENCIES
CORROSION AND MATERIALS DEGRADATION

546 HEGGESTAD, HOWARD E. 301/344-3143
RESEARCH PLANT PATHOLOGIST
PLANT PHYSIOLOGY INSTITUTE
U.S. DEPT. OF AGRICULTURE
BELTSVILLE, MARYLAND 20705

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY
PLANT PHYSIOLOGY

547 HENRY, MARY G. 314/875-5399
INVERTEBRATE TOXICOLOGIST
COLUMBIA NATIONAL FISHERIES RESEARCH LAB
ROUTE 1
COLUMBIA, MARYLAND 65201

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY
AQUATIC TOXICOLOGY
FISHERIES BIOLOGY
INVERTEBRATE TOXICOLOGY

548 LANDSBERG, HELMUT E. 301/454-4129
PROFESSOR
INSTITUTE FOR PHYSICAL SCIENCE AND TECH.
UNIVERSITY OF MARYLAND
COLLEGE PARK, MARYLAND 20742

DISCIPLINARY COMPETENCIES
METEOROLOGY
CLIMATOLOGY

549 LIVINGSTON, RICHARD 301/454-3548
RESEARCH ASSOCIATE
DEPARTMENT OF GEOLOGY
UNIVERSITY OF MARYLAND
COLLEGE PARK, MARYLAND

DISCIPLINARY COMPETENCIES
EFFECTS ON STONE MASONRY AND OTHER
MATERIALS

550 MACHTA, LESTER 301/443-8276
DIRECTOR, AIR RESOURCES LABORATORIES
NATIONAL OCEANIC AND ATMOS. ADMIN.
6010 EXECUTIVE BOULEVARD (WSC-5)
ROCKVILLE, MARYLAND 20852

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY

551 MARTIN, SAMUEL R. 301/383-7226
TECHNICAL DIRECTOR
REGIONAL PLANNING COUNCIL
2225 NORTH CHARLES STREET
BALTIMORE, MARYLAND 21218

DISCIPLINARY COMPETENCIES
AIR/WATER INTERFACE-QUALITY, EFFECTS
WATER QUALITY MANAGEMENT
WATER RESOURCES

552 MILLER, JOHN M. 301/443-8276
DEPUTY DIRECTOR AIR RESOURCES LAB
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN
ARL-NOAA, 6010 EXECUTIVE BLVD
ROCKVILLE, MARYLAND 20852

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
METEOROLOGY

553 MULCHI, CHARLES L. 301/454-3717
ASSOCIATE PROFESSOR
DEPT. OF AGRONOMY
UNIVERSITY OF MARYLAND
COLLEGE PARK, MARYLAND 20740

DISCIPLINARY COMPETENCIES
POWER PLANT EMISSIONS AND IMPACT ON
CROPS AND SOILS

554 PICKERING, KENNETH E. 301/424-9133
AIR QUALITY PROGRAM MANAGER
GEOMET, INC.
1801 RESEARCH BLVD.
ROCKVILLE, MARYLAND 20850

DISCIPLINARY COMPETENCIES
CHEMISTRY
METEOROLOGY

555 POINDEXTER, MONTE F. 301/443-8276
SPECIAL ASSISTANT
NOAA-RD/R32
6010 EXECUTIVE BLVD.
ROCKVILLE, MARYLAND 20852

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

556 RETZSCH, WALTER C. 301/589-8837
ENVIRONMENTAL CONSULTANT
VR ASSOCIATES
2501 CAMPBELL PLACE
KENSINGTON, MARYLAND 20895

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY AND CHEMISTRY
FISHERIES SCIENCE AND MANAGEMENT

557 STROMBORG, KENNETH L. 301/776-4880
ZOOLOGIST (RESEARCH)
U.S. FISH AND WILDLIFE SERVICE
PATUXENT WILDLIFE RESEARCH CENTER
LAUREL, MARYLAND 20708

DISCIPLINARY COMPETENCIES
IMPACTS ON WILDLIFE
WILDLIFE ECOLOGY

558 TARSHIS, BARRY I. 301/776-4880
RESEARCH ZOOLOGIST EXT 252
U.S. FISH AND WILDLIFE SERVICE
PATUXENT WILDLIFE RESEARCH CENTER
LAUREL, MARYLAND 20708

DISCIPLINARY COMPETENCIES
AQUATIC ENTOMOLOGY
TERRESTRIAL AND AQUATIC ZOOLOGY
TOXICOLOGY

## MASSACHUSETTS

559 BARAD, MORTON L. 617/489-0873
CONSULTING METEOROLOGIST
50 MUNROE STREET
BELMONT, MASSACHUSETTS 02178

DISCIPLINARY COMPETENCIES
METEOROLOGY

560 COHEN, EDWARD H. 617/969-0100
RESEARCH ASSOCIATE EXT 3640
DEPARTMENT OF GEOLOGY AND GEOPHYSICS
BOSTON COLLEGE
CHESTNUT HILL, MASSACHUSETTS 02167

DISCIPLINARY COMPETENCIES
AIR POLLUTION
CLIMATOLOGY

561 CRAKER, LYLE E. 413/545-2347
ASSOCIATE PROFESSOR
DEPT. OF PLANT AND SOIL SCIENCE
NUTRITIONAL BIOGEOCHEMISTRY
UNIVERSITY OF MASSACHUSETTS
STOCKBRIDGE HALL
AMHERST, MASSACHUSETTS 01003

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY

562 DEUBERT, KARL H. 617/295-2212
PROFESSOR
MASSACHUSETTS AGRICULTURAL EXPERIMENT
STATION/CRANBERRY EXPT STATION
GLEN CHARLIE ROAD
EAST WAREHAM, MASSACHUSETTS 02538

DISCIPLINARY COMPETENCIES
PLANT BIOCHEMISTRY

563 FAY, JAMES A. 617/253-2236
PROFESSOR
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
ROOM 3-246
CAMBRIDGE, MASSACHUSETTS 02139

DISCIPLINARY COMPETENCIES
MECHANICAL ENGINEERING
FLUID MECHANICS

564 FEDER, WILLIAM A. 617/891-0650
PROFESSOR, PLANT PATHOLOGY
SUBURBAN EXPERIMENT STATION
UNIVERSITY OF MASSACHUSETTS- WALTHAM
240 BEAVER STREET
WALTHAM, MASSACHUSETTS 02254

DISCIPLINARY COMPETENCIES
ECOLOGY
PLANT PATHOLOGY

565 FOLEY, MARY K. 617/223-7765
AIR QUALITY SPECIALIST
NATIONAL PARK SERVICE
15 STATE STREET
BOSTON, MASSACHUSETTS 02109

DISCIPLINARY COMPETENCIES
CLIMATOLOGY

566 KITSON, CHARLES E. 617/262-3200
TECHNICAL DIRECTOR, AIR QUALITY STUDIES
CHAS. T. MAIN, INC.
PRUDENTIAL CENTER
BOSTON, MASSACHUSETTS 02199

DISCIPLINARY COMPETENCIES
ATMOSPHERIC DISPERSION MODELING
METEOROLOGY
REGULATORY POLICY ANALYSIS

567 LEE, YEAN 617/235-5834
METEOROLOGIST
12 PATTON ROAD
WELLESLEY, MASSACHUSETTS 02181

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION
METEOROLOGY

568 MANNING, WILLIAM J. 413/545-2289
ASSOCIATE PROFESSOR
MASSACHUSETTS AGRI. EXPT. STA.
UNIVERSITY OF MASSACHUSETTS
FERNALD HALL
AMHERST, MASSACHUSETTS 01003

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY

569 MCELROY, MICHAEL B. 617/495-4359
ABBOTT LAWRENCE ROTCH PROFESSOR OF
ATMOSPHERIC CHEMISTRY
CENTER FOR EARTH AND PLANETARY PHYSICS
HARVARD UNIVERSITY
PIERCE HALL 100E, 29 OXFORD STREET
CAMBRIDGE, MASSACHUSETTS 02138

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION

570 NEWTON, ROBERT M. 413/584-2700
ASSISTANT PROFESSOR EXT 697
DEPARTMENT OF GEOLOGY
SMITH COLLEGE
NORTHAMPTON, MASSACHUSETTS 01063

DISCIPLINARY COMPETENCIES
GLACIAL GEOLOGY
GEOCHEMISTRY

571 SIMON, JAMES E. 413/545-2347
RESEARCH ASSISTANT
DEPARTMENT OF PLANT AND SOIL SCIENCES
UNIVERSITY OF MASSACHUSETTS
AMHERST, MASSACHUSETTS 01003

DISCIPLINARY COMPETENCIES
AGRONOMY
HORTICULTURE
PLANT PHYSIOLOGY
RADIOTRACERS

572 TAKACS, JOHN F. 617/262-3200
METEOROLOGIST
CHAS. T. MAIN, INC.
PRUDENTIAL CENTER
BOSTON, MASSACHUSETTS 02199

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION
MATHEMATICAL SIMULATION OF
ATMOSPHERIC PROCESSES
METEOROLOGY

573 TAYLOR, FLOYD B. 617/329-9650
EXECUTIVE SECRETARY
NEW ENGLAND WATER WORKS ASSOCIATION
850 R. PROVIDENCE HIGHWAY
DEDHAM, MASSACHUSETTS 02026

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL ENGINEERING
PUBLIC HEALTH

574 VENKATRAM, AKULA 617/369-8910
SENIOR CONSULTING SCIENTIST
ERT INC.
696 VIRGINIA ROAD
CONCORD, MASSACHUETTES 01742

DISCIPLINARY COMPETENCIES
DISPERSION
MICROMETEOROLOGY
MATHEMATICAL MODELING

575 VIDULICH, GEORGE A. 617/793-3376
ASSOCIATE PROFESSOR OF CHEMISTRY
CHEMISTRY DEPARTMENT
HOLY CROSS COLLEGE
WORCESTER, MASSACHUSETTS

DISCIPLINARY COMPETENCIES
PHYSICAL CHEMISTRY
PRECIPITATION CHEMISTRY

## MICHIGAN

576 BEETON, ALFRED M. 313/763-3515
DIRECTOR
GREAT LAKES AND MARINE WATERS CENTER
UNIVERSITY OF MICHIGAN
ANN ARBOR, MICHIGAN 48109

DISCIPLINARY COMPETENCIES
LIMNOLOGY

577 BURTON, THOMAS M. 517/353-4475
ASSOCIATE PROFESSOR
DEPARTMENT OF ZOOLOGY
MICHIGAN STATE UNIVERSITY
EAST LANSING, MICHIGAN 48824

DISCIPLINARY COMPETENCIES
STREAM ECOLOGY
ECOSYSTEM ECOLOGY
MARSH ECOLOGY

578 BUTLER, JAMES W. 313/323-1729
PRINCIPAL RESEARCH SCIENTIST
FORD MOTOR COMPANY
P.O. BOX 2053
DEARBORN, MICHIGAN 48121

DISCIPLINARY COMPETENCIES
ANALYTICAL METHODOLOGY
INSTRUMENTATION DEVELOPMENT

579 BUTLER, ROBERT P. 313/963-1313
COMBUSTION AND INCINERATION CONSULTANT
CAMP DRESSER AND MCKEE CO.
615 GRISWOLD STREET
DETROIT, MICHIGAN 48230

DISCIPLINARY COMPETENCIES
ASSIMILATE DATA AND INFORMATION FOR
PUBLIC PRESENTATION

580 D'ITRI, FRANK M. 517/353-3744
PROFESSOR OF WATER CHEMISTRY
MICHIGAN STATE UNIVERSITY
334 NATURAL RESOURCES BLDG.
EAST LANSING, MICHIGAN 48824

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
CHEMICAL LIMNOLOGY

581 DINGLE, A. NELSON 313 763-4380
PROFESSOR
UNIVERSITY OF MICHIGAN
200 RESEARCH ACTIVITIES BLDG.
ANN ARBOR, MICHIGAN 48109

DISCIPLINARY COMPETENCIES
PRECIPITATION SCAVENGING
MICRO-PHYSICO-CHEMICAL MODELING OF
IN-CLOUD PROCESSES
MESO & SUB-MESO-SCALE MODELING OF
ATMOSPHERIC MOTIONS IN 3-D

582 DOHRENWEND, ROBERT E. 906/524-6181
RESEARCH SCIENTIST
MICHIGAN TECHNOLOGICAL UNIVERSITY
FORD FORESTRY CENTER
ROUTE 2, BOX 103
L'ANSE, MICHIGAN 49946

DISCIPLINARY COMPETENCIES
METEOROLOGY
FORESTRY

583 ELLIOTT, ROBERT D. 313/965-2430
MANAGER, ENVIRONMENTAL ENGINEERING
MICHIGAN CONSOLIDATED GAS COMPANY
500 GRISWOLD STREET
DETROIT, MICHIGAN 48226

DISCIPLINARY COMPETENCIES
AIR POLLUTION EMISSION TESTING
ENVIRONMENTAL ENGINEERING
MONITORING AND CONTROL TECHNOLOGIES
FOR NATURAL GAS INDUSTRY

584 FLEXNER, DEBORAH COFFEY 313/763-9433
RESEARCH ASSISTANT
UNIVERSITY OF MICHIGAN
ANN ARBOR, MINNESOTA 48109

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

585 FROMM, PAUL O. 517/355-6482
PROFESSOR, DEPT. OF PHYSIOLOGY
MICHIGAN STATE UNIVERSITY
EAST LANSING, MICHIGAN 48824

DISCIPLINARY COMPETENCIES
COMPARATIVE PHYSIOLOGY
EFFECTS OF WATER BORNE POLLUTANTS
ON GILL FUNCTION IN RAINBOW TROUT
STRESS PHYSIOLOGY

586 HART, JAMES B. 517/355-0090
ASSOCIATE PROFESSOR, DEPT. OF FORESTRY
MICHIGAN STATE UNIVERSITY
EAST LANSING, MICHIGAN 48824

DISCIPLINARY COMPETENCIES
FORESTRY
FOREST SOILS
FOREST ECOLOGY

587 RAGO, PAUL J. 313/994-3331
BIOSTATISTICIAN
GREAT LAKES FISHERY LABORATORY
1451 GREEN ROAD
EASTERN ENERGY AND LAND USE TEAM,
U.S. FISH AND WILDLIFE SERVICE
ANN ARBOR, MICHIGAN 48105

DISCIPLINARY COMPETENCIES
FISHERIES
MODELING
STATISTICS

588 SAMSON, PERRY J. 313/764-3335
ASSISTANT PROFESSOR
DEPT. OF ATMOSPHERIC AND OCEANIC SCIENCE
UNIVERSITY OF MICHIGAN
2213 SPACE RESEARCH BUILDING
ANN ARBOR, MICHIGAN 48109

DISCIPLINARY COMPETENCIES
DISPERSION MODELING
METEOROLOGY
TRAJECTORY ANALYSIS

589 SEYMOUR, MICHAEL D. 616/392-5111
ASSISTANT PROFESSOR CHEMISTRY
HOPE COLLEGE
HOLLAND, MICHIGAN 49423

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
POTENTIOMETRIC TITRATION/GRAN PLOT-ANALYSIS
PROTON-INDUCED X-RAY EMISSION FOR ELEMENTAL ANALYSIS

590 STEDMAN, DONALD H. 313/763-6239
ASSOCIATE PROFESSOR
UNIVERSITY OF MICHIGAN
1206 SPACE RESEARCH BUILDING
2455 HAYWARD STREET
ANN ARBOR, MICHIGAN 48109

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY

591 STOTTLEMYER, ROBERT 906/487-2478
ADJUNCT PROFESSOR BIOLOICAL SCIENCES
GREAT LAKES AREA RESOURCE STUDIES UNIT
DEPARTMENT OF BIOLOGICAL SCIENCES
MICHIGAN TECHNOLOGICAL UNIVERSITY
HOUGHTON, MICHIGAN 49931

DISCIPLINARY COMPETENCIES
ECOSYSTEM EFFECTS
MINERAL NUTRIENT CYCLING
WATERSHED ECOSYSTEM STUDIES

592 URIE, DEAN H. 517/355-7740
RESEARCH PROJECT LEADER
U.S.D.A., FOREST SERVICE
NORTH CENTRAL FOREST EXPERIMENT STATION
20 NISBET BLDG., 1407 SOUTH HARRISON RD.
EAST LANSING, MICHIGAN 48823

DISCIPLINARY COMPETENCIES
FOREST SOILS
FOREST HYDROLOGY

593 VANDE KOPPLE, ROBERT J. 616/539-8406
RESIDENT BIOLOGIST
UNIV. OF MICHIGAN BIOLOGICAL STATION
PELLSTON, MICHIGAN 49769

DISCIPLINARY COMPETENCIES
BOTANY

594 WETZEL, ROBERT G. 616/671-5117
PROFESSOR OF BOTANY
W.K. KELLOGG BIOLOGICAL STATION
MICHIGAN STATE UNIVERSITY
HICKORY CORNERS, MICHIGAN 49060

DISCIPLINARY COMPETENCIES
LIMNOLOGY,
PLANT PHYSIOLOGY,
PLANT ECOLOGY,
WATER CHEMISTRY

595 WOLFF, GEORGE T. 313/575-3489
SENIOR STAFF SCIENTIST
ENVIRONMENTAL SCIENCE DEPT.
GENERAL MOTORS RESEARCH LABS
WARREN, MICHIGAN 48090

DISCIPLINARY COMPETENCIES
ATMOSPHERIC SCIENCE & CHEMISTRY

596 YI-HUI, HAUNG 517/788-1931
SENIOR METEOROLOGIST
CONSUMERS POWER COMPANY
ENVIRONMENTAL DEPARTMENT, JSC-289
1945 W PARNALL ROAD
JACKSON, MICHIGAN 49201

DISCIPLINARY COMPETENCIES
AIR POLLUTION METEOROLOGY
AIR QUALITY MONITORING
ATMOSPHERIC SCIENCES
CLOUD PHYSICS

# MINNESOTA

597 ARTHUR, JOHN W. 612/295-5145
CHIEF
U.S. ENVIRONMENTAL PROTECTION AGENCY
MONTICELLO ECOLOGICAL RESEARCH STATION
P.O. BOX 500
MONTICELLO, MINNESOTA 55362

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY

598 BORDSON, DAVID L. 612/296-7285
ACID RAIN SPECIALIST-AIR
MINNESOTA POLLUTION CONTROL AGENCY
1935 WEST COUNTY ROAD B2
ROSEVILLE, MINNESOTA 55113

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION
MECHANICAL ENGINEERING

599 BREZONIK, PATRICK L. 612/373-2514
PROFESSOR OF ENVIRONMENTAL ENGINEERING
UNIVERSITY OF MINNESOTA
DEPT. CIVIL AND MINERAL ENGINEERING
MINNEAPOLIS, MINNESOTA 55455

DISCIPLINARY COMPETENCIES
LIMNOLOGY
WATER CHEMISTRY

600 CSALLANY, A. SAARI 612/373-0803
PROFESSOR
UNIVERSITY OF MINNESOTA
148 FSCN BLDG.
1334 ECKLES AVENUE
ST. PAUL, MINNESOTA 55108

DISCIPLINARY COMPETENCIES
TOXICOLOGY
NUTRITIONAL BIOGEOCHEMISTRY

601 EATON, JOHN G. 218/727-6692
RESEARCH BIOLOGIST
ENVIRONMENTAL RESEARCH LABORATORY-DULUTH
U.S. ENVIRONMENTAL PROTECTION AGENCY
6201 CONGDON BOULEVARD
DULUTH, MINNESOTA 55804

DISCIPLINARY COMPETENCIES
AQUATIC TOXICOLOGY
ECOLOGY

602 EISENREICH, STEVEN J. 612/373-2507
ASSOCIATE PROFESSOR, ENVIRONMENTAL ENG.
DEPARTMENT OF CIVIL AND MINERAL ENG.
UNIVERSITY OF MINNESOTA
MINNEAPOLIS, MINNESOTA 55455

DISCIPLINARY COMPETENCIES
WATER CHEMISTRY
GEOCHEMISTRY

603 FORD, JESSE 612/376-3058
DEPT. OF ECOLOGY AND BEHAVIORAL BIOLOGY
UNIVERSITY OF MINNESOTA
108 ZOOLOGY BUILDING
MINNEAPOLIS, MINNESOTA 55455

DISCIPLINARY COMPETENCIES
LIMNOLOGY
PALEOECOLOGY ( DIATOM ANALYSIS )
PLANT ECOLOGY

604 GLASS, GARY E. 218/727-6692
RESEARCH CHEMIST 218/525-2384
ENERGY/ENVIRONMENT BRANCH CHIEF
ENVIRONMENTAL RESEARCH LABORATORY-DULUTH
U.S. ENVIRONMENTAL PROTECTION AGENCY
6201 CONGDON BOULEVARD
DULUTH, MINNESOTA 55804

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL CHEMISTRY

605 GORHAM, EVILLE 612/376-1743
PROFESSOR OF ECOLOGY
DEPT. OF ECOLOGY & BEHAVIORAL BIOLOGY
UNIVERSITY OF MINNESOTA
318 CHURCH STREET
MINNEAPOLIS, MINNESOTA 55455

DISCIPLINARY COMPETENCIES
ECOLOGY
LIMNOLOGY
BIOGEOCHEMISTRY

606 GRIGHL, DAVID F. 612/373-1442
PROFESSOR
DEPARTMENT OF SOIL SCIENCE
UNIVERSITY OF MINNESOTA
ST. PAUL, MINNESOTA 55108

DISCIPLINARY COMPETENCIES
FORESTRY
SOIL SCIENCE

607 HARGIS, JACK R. 218/726-7264
ASSOC PROFESSOR OF BIOLOGY
UNIVERSITY OF MINNESOTA-DULUTH
DULUTH, MINNESOTA 55812

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL BIOLOGY
LIMNOLOGY

608 HARRIS, ALFRED RAY 218/326-8571
SOIL SCIENTIST
NORTH CENTRAL FOREST EXPERIMENT STATION
FORESTRY SCIENCES LABORATORY
1831 HWY. 169 E.
GRAND RAPIDS, MINNESOTA 55744

DISCIPLINARY COMPETENCIES
MICRO-CLIMATOLOGY
SOIL CHEMISTRY

609 HEISKARY, STEVEN A. 612/296-7320
BIOLOGIST
MINNESOTA POLLUTION CONTROL AGENCY
1935 WEST COUNTY ROAD B2
ROSEVILLE, MINNESOTA 55113

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY AND BIOLOGY
SENSITIVITY MAPPING

610 HOKANSON, KENNETH E. F. 612/295-5145
RESEARCH AQUATIC BIOLOGIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
MONTICELLO ECOLOGICAL RESEARCH STATION
P.O. BOX 500
MONTICELLO, MINNESOTA 55362

DISCIPLINARY COMPETENCIES
FISHERY BIOLOGY
AQUATIC ECOLOGY
BIOSTATISTICS

611 KNIGHTON, DEAN M. 218/326-8571
PLANT ECOLOGIST
U.S.D.A. / FOREST SERVICE
FORESTRY SCIENCES LABORATORY
1831 HWY 169 E.
GRAND RAPIDS, MINNESOTA 55744

DISCIPLINARY COMPETENCIES
FOREST HYDROLOGY
PLANT ECOLOGY
SOILS

612 KRUPA, SAGAR V. 612/376-3871
ASSOCIATE PROFESSOR
DEPARTMENT OF PLANT PATHOLOGY
UNIVERSITY OF MINNESOTA
304 STAKMAN HALL
ST. PAUL, MINNESOTA 55108

DISCIPLINARY COMPETENCIES
ATMOSPHERIC (RAINFALL) CHEMISTRY
IMPACTS OF SULFUR INPUTS INTO AGRO-ECOSYSTEMS

613 LANG, DAVID S. 612/296-2399
SENIOR ENVIRONMENTAL SCIENTIST
MINNESOTA ENVIRONMENTAL QUALITY BOARD
ROOM 101, CAPITOL SQUARE BUILDING
550 CEDAR STREET
ST. PAUL, MINNESOTA 55101

DISCIPLINARY COMPETENCIES
EFFECTS OF ACIDIC AEROSOLS ON VEGETATION

614 LINDENBERG, STEVEN P. 612/937-8599
SUPERVISOR, ENVIRONMENTAL COMPLIANCE AND MONITORING
COOPERATIVE POWER ASSOCIATION
8020 MITCHELL ROAD
EDEN PRAIRIE, MINNESOTA 55344

DISCIPLINARY COMPETENCIES
DEPOSITION MONITORING
LIMNOLOGY

615 LYONS, WALTER A. 612/333-1424
PRESIDENT
MAI/MESOMET
511 11TH AVENUE SOUTH
MINNEAPOLIS, MINNESOTA 55415

DISCIPLINARY COMPETENCIES
METEOROLOGY
REMOTE SENSING

616 MCCORMICK, J. H. 218/727-6692
AQUATIC BIOLOGIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
ENVIRON. RESEARCH LAB - DULUTH
6201 CONGDON BLVD.
DULUTH, MINNESOTA 55804

DISCIPLINARY COMPETENCIES
FBH REPRODUCTIVE EFFECTS

617 MCMURRY, PETER H. 612/373-5647
ASSISTANT PROFESSOR
DEPARTMENT OF MECHANICAL ENGINEERING
UNIVERSITY OF MINNESOTA
111 CHURCH ST. SE
MINNEAPOLIS, MINNESOTA 55455

DISCIPLINARY COMPETENCIES
AEROSOL PHYSICS
GAS-TO-PARTICLE CONVERSION

618 NICHOLS, DALE S. 218/326-8571
RESEARCH SOIL SCIENTIST
USDA FOREST SERVICE
NORTH CENTRAL FOREST EXPERIMENT STATION
1831 HIGHWAY 169 E.
GRAND RAPIDS, MINNESOTA 55744

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY
WATER CHEMISTRY

619 PRATT, GREGORY C. 612/373-2183
RESEARCH FELLOW
DEPARTMENT OF PLANT PATHOLOGY
UNIVERSITY OF MINNESOTA
ST. PAUL, MINNESOTA 55108

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT & DEPOSITION
MONITORING, FIELD MEASUREMENTS.
ENVIRONMENTAL EFFECTS

620 RAPP, GEORGE (RIP), JR 218/726-7201
PROFESSOR OF GEOLOGY
UNIVERSITY OF MINNESOTA
2400 OAKLAND AVENUE
DULUTH, MINNESOTA 55812

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL GEOCHEMISTRY

621 TEASLEY, JOHN I. 218/727-6692
RESEARCH CHEMIST EXT. 586
U.S. ENVIRONMENTAL PROTECTION AGENCY
ENVIRONMENTAL RESEARCH LABORATORY-DULUTH
DULUTH, MINNESOTA 55804

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY

622 THORNTON, J. DAVID 612/296-7219
ACID RAIN COORDINATOR
MINNESOTA POLLUTION CONTROL AGENCY
1935 COUNTY ROAD B2
ROSEVILLE, MINNESOTA 55113

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION
POLICY AND REGULATORY OPTIONS

623 TWAROSKI, CLIFFORD J. 612/296-7285
ACID RAIN SPECIALIST-SOILS
MINNESOTA POLLUTION CONTROL AGENCY
1935 WEST COUNTY ROAD B2
ROSEVILLE, MINNESOTA 55113

DISCIPLINARY COMPETENCIES
FORESTRY
SOIL SCIENCE

624 VERRY, ELON S. 218/326-6120
PROJECT LEADER
USDA-FOREST SERVICE
FORESTRY SCIENCES LABORATORY
ROUTE 3
GRAND RAPIDS, MINNESOTA 55744

DISCIPLINARY COMPETENCIES
FOREST AND PEATLAND HYDROLOGY
WATER QUALITY

625 VERRY, ELON S. 218/326-8571
PROJECT LEADER
USDA FOREST LEADER
FORESTRY SCIENCE LABORATORY
1831 HIGHWAY 169 E.
GRAND RAPIDS, MINNESOTA

DISCIPLINARY COMPETENCIES
CHEMISTRY
FORESTRY
HYDROLOGY

626 WHITBY, KENNETH T. 612/373-3049
PROF. AND DIRECTOR OF ENVIRON. DIV.
MECHANICAL ENGINEERING DEPARTMENT
UNIVERSITY OF MINNESOTA
111 CHURCH STREET S.E.
MINNEAPOLIS, MINNESOTA 55455

DISCIPLINARY COMPETENCIES
AEROSOL PHYSICS AND CHEMISTRY
ATMOSPHERIC SCIENCES
MECHANICAL ENGINEERING

627 WILSON, JAMES CHARLES 612/373-5843
RESEARCH ASSOCIATE
DEPARTMENT OF MECHANICAL ENGINEERING
UNIVERSITY OF MINNESOTA
111 CHURCH ST. SE
MINNEAPOLIS, MINNESOTA 55455

DISCIPLINARY COMPETENCIES
AEROSOL PHYSICS

628 ZISCHKE, JAMES A. 507/663-3397
PROFESSOR - BIOLOGY
ST. OLAF COLLEGE
NORTHFIELD, MINNESOTA 55057

DISCIPLINARY COMPETENCIES
BENTHIC ECOLOGY
INVERTEBRATE ZOOLOGY

## MISSISSIPPI

629 KUO, C. H. 601/325-2480
PROFESSOR OF CHEMICAL ENGINEERING
MISSISSIPPI STATE UNIVSERSITY
P.O. DRAWER CN
MISSISSIPPI STATE, MISSISSIPPI 39762

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING--REACTION
KINETICS
MASS TRANSFER

630 NELSON, LYLE E. 601/325-2350
PROFESSOR OF SOILS
MISSISSIPPI STATE UNIVERSITY
BOX 5248
MISSISSIPPI STATE, MISSISSIPPI 39762

DISCIPLINARY COMPETENCIES
SOIL FERTILITY
FOREST SOILS
PLANT NUTRITION

631 URSIC, STANLEY J. 601/234-2744
PRINCIPAL RESEARCH HYDROLOGIST
USDA--FOREST SERVICE, SOUTHERN FOREST
EXPERIMENT STATION
FOREST HYDROLOGY LABORATORY
P.O. BOX 947
OXFORD, MISSISSIPPI 38655

DISCIPLINARY COMPETENCIES
CHEMISTRY
HYDROLOGY
SOIL SCIENCE
FORESTRY

## MISSOURI

632 HENDERSON, GRAY S. 314/882-3372
ASSOC. PROF. OF FORESTRY
SCHOOL OF FORESTRY, FISHERIES, WILDLIFE
UNIVERSITY OF MISSOURI
1-30 AGRICULTURE BUILDING
COLUMBIA, MISSOURI 65211

DISCIPLINARY COMPETENCIES
SOIL SCIENCE
WATER QUALITY

633 HUSAR, RUDOLF B. 314/889-6054
DIRECTOR, CENTER FOR AIR POLLUTION
IMPACT AND TREND ANALYSIS
WASHINGTON UNIVERSITY
SKINNER AND LINDELL BOULEVARDS
ST. LOUIS, MISSOURI 63103

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION
ENVIRONMENTAL EFFECTS

## MONTANA

634 FARNES, PHILLIP E. 406/587-5271
SNOW SURVEY SUPERVISOR EXT 4270
USDA, SOIL CONSERVATION SERVICE
P.O. BOX 98
BOZEMAN, MONTANA 59715

DISCIPLINARY COMPETENCIES
HYDROLOGY
SNOW SURVEYS

635 GILLANI, NOOR V. 314/889-6079
ASSOC. PROF. OF MECHANICAL ENGINEERING
WASHINGTON UNIVERSITY
BOX 1185
ST. LOUIS, MONTANA 63130

DISCIPLINARY COMPETENCIES
QUANTITATIVE ANALYSES
TRANSPORT IN POWER PLANT AND
URBAN PLUMES

636 HUNN, JOSEPH B. 314/875-3599
FISHERY BIOLOGIST-RESEARCH
COLUMBIA NATIONAL FISHERY RESEARCH LAB
COLUMBIA, MONTANA 65201

DISCIPLINARY COMPETENCIES
AQUATIC TOXICOLOGY
FISH PHYSIOLOGY

637 LANGE, DAVE 406/888-5441
RESOURCE MANAGEMENT RANGER
NATIONAL PARK SERVICE, WEST LAKES DIST.
GLACIER NATIONAL PARK
WEST GLACIER, MONTANA 59936

DISCIPLINARY COMPETENCIES
NATURAL RESOURCE MANAGEMENT
WILDLIFE CONSERVATION
AIR QUALITY

638 LEFOHN, ALLEN S. 406/443-3389
PRESIDENT
A.S.L. AND ASSOCIATES
111 NO. LAST CHANCE GULCH SUITE 4A
HELENA, MONTANA 59601

DISCIPLINARY COMPETENCIES
AQUATIC/TERRESTRICAL BIOL. EFFECTS
ATMOSPHERIC DEPOSITION
PHYSICAL CHEMISTRY
SO2/O3 PLANT EFFECTS

639 PAGENKOPF, GORDEN K. 406/994-4801
PROFESSOR OF CHEMISTRY
DEPARTMENT OF CHEMISTRY
MONTANA STATE UNIVERSITY
BOZEMAN, MONTANA 59717

DISCIPLINARY COMPETENCIES
ANALYTICAL, INORGANIC AND
ENVIRONMENTAL CHEMISTRY

640 VAUGHAN, WILLIAM M. 314/863-6381
VICE PRESIDENT, SERVICES
ENVIRONMENTAL MEASUREMENTS, INC.
8505 DELMAR BLVD.
UNIVERSITY CITY, MONTANA 63124

DISCIPLINARY COMPETENCIES
AIR CHEMISTRY AND TRANSPORT
ATMOSPHERIC MONITORING
POWER PLANT DISPERSION
REMOTE SENSORS

## NEBRASKA

641 LARSON, GARY L. 402/221-3438
REGIONAL CHIEF SCIENTIST
MIDWEST REGIONAL OFFICE
NATIONAL PARK SERVICE
1709 JACKSON STREET
OMAHA, NEBRASKA 68102

DISCIPLINARY COMPETENCIES
FISHERIES

642 PAPAROZZI, ELLEN T. 402/472-1129
ASST PROFESSOR OF URBAN HORTICULTURE
DEPARTMENT OF HORTICULTURE
UNIVERSITY OF NEBRASKA
377 PLANT SCIENCES
LINCOLN, NEBRASKA 68583

DISCIPLINARY COMPETENCIES
- PLANT ANATOMY
- PLANT NUTRITION
- SCANNING AND TRANSMISSION ELECTRON MICROSCOPY

643 VENMA, SHASKI B. 402/472-3679
ASSOCIATE PROFESSOR
CENTER FOR AGRICULTURAL METEOROLOGY
AND CLIMATOLOGY
UNIVERSITY OF NEBRASKA- LINCOLN
242 L.W. CHASE HALL, P.O. BOX 0728
LINCOLN, NEBRASKA 68583

DISCIPLINARY COMPETENCIES
- AGRICULTURAL MICROMETEOROLOGY
- FLUID DYNAMICS

## NEVADA

644 MCELROY, JAMES L. 702/798-2361
SENIOR METEOR./ENVIRON. SCIENTIST
ENVIRONMENTAL MONITORING SYSTEMS LAB.
U.S ENVIRONMENTAL PROTECTION AGENCY
P.O. BOX 15027
LAS VEGAS, NEVADA 89114

DISCIPLINARY COMPETENCIES
- METEOROLOGY
- AIR QUALITY
- REMOTE SENSING
- PHYSICS

645 MCNELIS, DAVID N. 702/739-3382
DIRECTOR, ENVIRONMENTAL RESEARCH CENTER
UNIVERSITY OF NEVADA-LAS VEGAS
4505 MARYLAND PKWY
LAS VEGAS, NEVADA 89154

DISCIPLINARY COMPETENCIES
- ATMOS. PHYSICS AND CHEMISTRY
- REMOTE SENSING

646 MILLER, DAVID F. 702/972-1676
DIRECTOR, ATMOSPHERIC CHEMISTRY LAB
DESERT RESEARCH INSTITUTE
P.O. BOX 60220
RENO, NEVADA 89506

DISCIPLINARY COMPETENCIES
- CLOUD WATER SAMPLING AND ANALYSIS
- CLOUD SIMULATION EXPERIMENTS
- KINETICS OF IN-CLOUD REACTIONS

647 WARBURTON, JOSEPH A. 702/972-1676
DESERT RESEARCH ASSISTANT
P.O. BOX 60220
RENO, NEVADA 89506

DISCIPLINARY COMPETENCIES
- CHEMISTRY
- PHYSICS

## NEW HAMPSHIRE

648 CARROLL, JOHN E. 603/862-1020
ASSOC PROFESSOR OF ENVIRON CONSERVATION
INST OF NATURAL AND ENVIRON RESOURCES
UNIVERSITY OF NEW HAMPSHIRE
DURHAM, NEW HAMPSHIRE 03824

DISCIPLINARY COMPETENCIES
- ENVIRONMENTAL/NATURAL RESOURCES POLICY
- INTERNATIONAL ENVIRONMENTAL RELATIONS/DIPLOMACY

649 ECKERT, ROBERT T. 603/862-1020
ASSISTANT PROFESSOR
INSTITUTE OF NATURAL AND ENVIRONMENTAL
RESOURCES
UNIVERSITY OF NEW HAMPSHIRE
DURHAM, NEW HAMPSHIRE 03824

DISCIPLINARY COMPETENCIES
- FOREST GENETICS
- SO2 EFFECTS ON EASTERN WHITE PINE

650 HANEY, JAMES F. 603/862-2100
ASSOCIATE PROFESSOR
DEPARTMENT OF ZOOLOGY,
SPAULDING LIFE SCIENCE BUILDING
UNIVERSITY OF NEW HAMPSHIRE
DURHAM, NEW HAMPSHIRE 03824

DISCIPLINARY COMPETENCIES
- ECOLOGY OF STREAM INVERTEBRATES
- ZOOPLANKTON ECOLOGY

651 HARTER, ROBERT D. 603/862-1022
ASSOCIATE PROFESSOR OF SOIL CHEMISTRY
UNIVERSITY OF NEW HAMPSHIRE
DURHAM, NEW HAMPSHIRE 03824

DISCIPLINARY COMPETENCIES
- SOIL CHEMISTRY

652 HORNBECK, JAMES W. 603/868-5576
FOREST HYDROLOGIST
USDA FOREST SERVICE
NORTHEAST FOREST EXPERIMENT STATION
BOX 640
DURHAM, NEW HAMPSHIRE 03824

DISCIPLINARY COMPETENCIES
FOREST HYDROLOGY
FOREST NUTRIENT CYCLING
WATER CHEMISTRY

653 JOHNSON, NOYE 603/646-2372
PROFESSOR OF GEOLOGY
EARTH SCIENCES DEPT.
DARTMOUTH COLLEGE
HANOVER, NEW HAMPSHIRE 03755

DISCIPLINARY COMPETENCIES
GEOPHYSICS
GEOCHEMISTRY

654 LYONS, WILLIAM BERRY 603/862-1718
ASSISTANT PROFESSOR
DEPARTMENT OF EARTH SCIENCES
UNIVERSITY OF NEW HAMPSHIRE
DURHAM, NEW HAMPSHIRE 03824

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY

655 MARTIN, WAYNE C. 603/726-8902
RESEARCH FORESTER
U.S. FOREST SERVICE
HUBBARD BROOK EXPERIMENTAL FOREST
WEST THORNTON, NEW HAMPSHIRE 03285

DISCIPLINARY COMPETENCIES
HYDROLOGY

656 MAYEWSKI, PAUL A. 603/862-1718
ASSOCIATE PROFESSOR- EARTH SCIENCES
UNIVERSITY OF NEW HAMPSHIRE
DURHAM, NEW HAMPSHIRE 03824

DISCIPLINARY COMPETENCIES
GLACIOLOGY
GLACIO-CHEMISTRY

657 NOEL, THOMAS M. 603/271-4573
ASSISTANT DIRECTOR
NEW HAMPSHIRE AIR RESOURCES AGENCY
HEALTH AND WELFARE BLDG., HAZEN DRIVE
CONCORD, NEW HAMPSHIRE 03301

DISCIPLINARY COMPETENCIES
METEOROLOGY

658 PIERCE, ROBERT S. 603/868-5576
SUPERVISORY RESEARCH FORESTER AND
RESEARCH LEADER
USDA FOREST SERVICE,
NORTHEASTERN FOREST EXPERIMENT STATION
FORESTRY SCIENCES LABORATORY
P.O. BOX 640
DURHAM, NEW HAMPSHIRE 03824

DISCIPLINARY COMPETENCIES
SOIL SCIENCES
FOREST ECOLOGY
FORESTRY
FOREST HYDROLOGY

659 REINERS, WILLIAM A. 603/646-3272
PROFESSOR OF BIOLOGICAL SCIENCES
DEPT. OF BIOLOGICAL SCIENCES
DARTMOUTH COLLEGE
HANOVER, NEW HAMPSHIRE 03755

DISCIPLINARY COMPETENCIES
CANOPY LEACHING
ION INTERCHANGE PROCESSES
CLOUD DROPLET CAPTURE
SOIL LEACHING

660 THOITS, CHARLES F. 603/271-2501
CHIEF, INLAND AND MARINE FISHERIES
NEW HAMPSHIRE FISH AND GAME DEPT.
34 BRIDGE STREET
CONCORD, NEW HAMPSHIRE 03301

DISCIPLINARY COMPETENCIES
MONITORING
FIELD MEASUREMENTS

661 TOWNE, RONALD E. 603/271-3503
CHIEF WATER POLLUTION BIOLOGIST
NEW HAMPSHIRE WATER SUPPLY AND
POLLUTION CONTROL COMMISSION
BOX 95, HEALTH AND WELFARE BUILDING
HAZEN DRIVE
CONCORD, NEW HAMPSHIRE 03301

DISCIPLINARY COMPETENCIES
PRECIPITATION CHEMISTRY
REMOTE, ALPINE LAKES, AND
POND LIMNOLOGY

## NEW JERSEY

662 BRENNAN, EILEEN 201/932-9375
PROFESSOR, PLANT PATHOLOGY
N.J. AGRICULTURAL EXPERIMENT STATION
RUTGERS UNIVERSITY, P.O. BOX 231
NEW BRUNSWICK, NEW JERSEY 08903

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY
PLANT PHYSIOLOGY

663 DITTENHOEFER, ALLEN C. 201/325-1544
PRINCIPAL SCIENTIST
ENVIROPLAN, INC.
59 MAIN STREET
WEST ORANGE, NEW JERSEY 07052

DISCIPLINARY COMPETENCIES
AEROSOL PHYSICS
METEOROLOGICAL TRANS AND DEPOSITION
SULFUR CHEMISTRY

664 HARKOV, RONALD 609/984-2207
RESEARCH SCIENTIST
OFFICE OF CANCER AND TOXIC RESEARCH
NEW JERSEY DEPT ENVIRON PROTECTION CN402
TRENTON, NEW JERSEY 08625

DISCIPLINARY COMPETENCIES
AIR POLLUTION
AQUATIC AND VEGETATION STUDIES

665 HELD, JOANN L. 609/292-8215
SENIOR ENVIRONMENTAL SPECIALIST
N. J. DEPT OF ENVIRONMENTAL PROTECTION
LABOR AND INDUSTRY BUILDING
ROOM 1110, CN027
TRENTON, NEW JERSEY 08625

DISCIPLINARY COMPETENCIES
AIR POLLUTION CONTROL
METEOROLOGY

666 LEONE, IDA A. 201/932-9375
PROFESSOR, DEPT. OF PLANT PATHOLOGY
COOK COLLEGE
RUTGERS UNIVERSITY
BOX 231
NEW BRUNSWICK, NEW JERSEY 08903

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
PLANT PATHOLOGY
EFFECTS OF AIR POLLUTION ON VEGETATION

667 MURPHY, CHARLES H. 201/527-2518
ASSOC PROF. OF METEOROLOGY
KEAN COLLEGE OF NEW JERSEY
MORRIS AVENUE
UNION, NEW JERSEY 07016

DISCIPLINARY COMPETENCIES
XRAY TRACE METAL ANALYSIS
SEM PARTICULATES ANALYSIS
RAINWATER CHEMISTRY

668 REISS, NATHAN M. 201/932-9551
ASSOCIATE PROFESSOR OF METEOROLOGY
DEPT. OF METEOROLOGY AND PHYSICAL OCEANOGRAPHY
COOK COLLEGE, BOX 231
RUTGERS UNIVERSITY
NEW BRUNSWICK, NEW JERSEY 08903

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICS
DISPERSION MODELING
METEOROLOGY

669 SHAW, HENRY 201/765-3709
STAFF ADVISOR
EXXON RESEARCH AND ENGINEERING CO.
P.O. BOX 101
FLORHAM PARK, NEW JERSEY 07932

DISCIPLINARY COMPETENCIES
CONTROL TECHNOLOGIES
ENVIRONMENTAL EFFECTS
FIELD MEASUREMENTS
POLICY AND REGULATORY OPTIONS

670 STEVENS, NICHOLAS J. 201/685-4887
CHEMICAL PROCESS DEVELOPMENT MANAGER
RESEARCH-COTTRELL, INC.
P.O. BOX 1500
SOMERVILLE, NEW JERSEY 08876

DISCIPLINARY COMPETENCIES
SO2 AND NOX CONTROL

## NEW MEXICO

671 BRANDVOLD, DONALD K. 505/835-5319
PROFESSOR OF CHEMISTRY, DEPT CHAIRMAN
NEW MEXICO INSTITUTE OF MINING AND TECH
CAMPUS STATION
SOCORRO, NEW MEXICO 87801

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
BIOCHEMISTRY AND ENVIRONMENTAL CHEM
PHYSICAL CHEMISTRY

672 BRANDVOLD, LYNN A. 505/835-5517
SENIOR CHEMIST
NEW MEXICO BUREAU OF MINES AND MINERAL RESOURCES
CAMPUS STATION
SOCORRO, NEW MEXICO 87801

DISCIPLINARY COMPETENCIES
ANALYSIS OF RAIN WATERS

673 CUNNINGHAM, P. T. 505/667-4087
GROUP LEADER, ANALYTICAL CHEMISTRY
CHM-1
LOS ALAMOS NATIONAL LABORATORY
LOS ALAMOS, NEW MEXICO 87545

DISCIPLINARY COMPETENCIES
CHEMISTRY

674 FERENBAUGH, ROGER W. 505/667-7952
STAFF MEMBER
LOS ALAMOS NATIONAL LABORATORY
MS K490, P.O. BOX 1663
LOS ALAMOS, NEW MEXICO 87544

DISCIPLINARY COMPETENCIES
ECOLOGY
ENVIRONMENTAL CHEMISTRY
PLANT PHYSIOLOGY

675 JAKSCH, JOHN A. 505/667-4101
GROUP LEADER, ENVIRONMENTAL ASSESSMENT
LOS ALAMOS SCIENTIFIC LABORATORY
P.O. BOX 1663, MS 603
LOS ALAMOS, NEW MEXICO 87545

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL ECONOMICS

676 LISSOWAY, JOHN 505/672-3861
CHIEF, RESOURCES MANAGEMENT DIVISION
BOUDELIER NATIONAL MONUMENT
BOUDELIER, NEW MEXICO

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

677 OHLINE, R. WAYNE 505/835-5523
PROFESSOR OF CHEMISTRY
NEW MEXICO TECH.
SOCORRO, NEW MEXICO 87801

DISCIPLINARY COMPETENCIES
AEROSOL DETECTION AND ANALYSIS

678 POPP, CARL J. 505/835-5107
PROFESSOR
N.M. INSTITUTE OF MINING AND TECHNOLOGY
DEPARTMENT OF CHEMISTRY
SOCORRO, NEW MEXICO 87801

DISCIPLINARY COMPETENCIES
ANALYICAL CHEMISTRY
GEOCHEMISTRY
INORGANIC CHEMISTRY

679 SMITH, JAMES LEWIS 505/835-5928
ASSISTANT PROFESSOR OF CHEMISTRY
NEW MEXICO INSTITUTE OF MINING AND
TECHNOLOGY
SOCORRO, NEW MEXICO 87801

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
ENVIRONMENTAL CHEMISTRY
BIOPHYSICAL CHEMISTRY

680 STEPHENS, KEN JR. 505/672-3861
PARK TECHNICIAN / RESOURCE MANAGEMENT
BANDELIER NATIONAL MON
LOS ALAMOS, NEW MEXICO 87544

DISCIPLINARY COMPETENCIES
EARTH SCIENCE

681 STREIT, GERALD E. 505/667-4686
STAFF MEMBER
LOS ALAMOS SCIENTIFIC LABORATORY
P.O. BOX 1663 M.S. 738
LOS ALAMOS, NEW MEXICO 87545

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY AND
PHOTOCHEMISTRY
CHEMICAL MODELLING

682 TRIJONIS, JOHN 505/983-6568
PRESIDENT
SANTA FE RESEARCH CORPORATION
ROUTE 7, BOX 124K
SANTA FE, NEW MEXICO 87501

DISCIPLINARY COMPETENCIES
VISIBILITY
HISTORICAL EMISSION TRENDS
SULFATE AIR QUALITY

683 YARBOROUGH, KEITH A. 505/988-6412
PHYSICAL SCIENTIST
NATIONAL PARK SERVICE- SOUTHWEST REGION
P.O. BOX 708
SANTE FE, NEW MEXICO 87501

DISCIPLINARY COMPETENCIES
FLUID MECHANICS

## NEW YORK

684 ALDRIDGE, NEHL 814/351-2101
RES AND DEV TECHNOLOGIST
INTERNATIONAL PAPER CO.
TUXEDO, NEW YORK 10987

DISCIPLINARY COMPETENCIES
AIR POLLUTION
ATMOSPHERIC TRANSPORT AND DIFFUSION
AMBIENT AIR QUALITY MONITORING

685 ALEXANDER, M. 607/256-3264
PROFESSOR, DEPT. OF AGRONOMY
CORNELL UNIVERSITY
BRADFIELD HALL
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
SOIL MICROBIOLOGY
MICROBIAL ECOLOGY

686 ALTWICKER, ELMAR R. 518/270-6367
PROFESSOR
DEPARTMENT OF CHEMISTRY ENGINEERING
AND ENVIRONMENTAL ENGINEERING
RENSSELEAR POLYTECHNIC INSTITUTE
TROY, NEW YORK 12181

DISCIPLINARY COMPETENCIES
AIR POLLUTION CONTROL
ATMOSPHERIC CHEMISTRY

687 AMUNDSON, ROBERT G. 607/257-2030
RESEARCH ASSOCIATE
BOYCE THOMPSON INSTITUTE FOR PLANT
RESEARCH
TOWER ROAD
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
ECOPHYSIOLOGY
PLANT PHYSIOLOGY

688 APRIL, RICHARD 315/824-1000
ASST. PROF. OF GEOLOGY EXT. 212
DEPARTMENT OF GEOLOGY
COLGATE UNIVERSITY
HAMILTON, NEW YORK 13346

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY
MINERALOGY

689 BAER, NORBERT S. 212/988-5550
PROFESSOR AND CO-CHAIRMAN
CONSERVATION CENTER;
INSTITUTE OF FINE ARTS
NEW YORK UNIVERSITY
1 EAST 78TH STREET
NEW YORK, NEW YORK 10021

DISCIPLINARY COMPETENCIES
PHYSICAL CHEMISTRY
MATERIALS EFFECTS

690 BARNES, CHARLES R. 518/472-2823
HYDROLOGIST
U.S. GEOLOGICAL SURVEY
P.O. BOX 744
ALBANY, NEW YORK 12201

DISCIPLINARY COMPETENCIES
PRECIPITATION CHEMISTRY
WET/DRY DEPOSITION

691 BEEVERS, DONALD J. 315/782-0100
DIRECTOR OF RESEARCH EXT. 380
AND POLICY ANALYSIS
DIRECTOR OF NATURAL RESOURCES POLICY
TEMPORARY STATE COMMISSION ON TUG HILL
STATE OFFICE BUILDING
WATERTOWN, NEW YORK 13601

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL PLANNING
PUBLIC POLICY

692 BENKOVITZ, CARMEN M. 516/282-4135
SENIOR ENVIRONMENTAL SCIENCE ASSOCIATE
BROOKHAVEN NATIONAL LABORATORY, BLDG 51
UPTON, NEW YORK 11787

DISCIPLINARY COMPETENCIES
MANAGEMENT AND ANALYSIS
OF ENVIRONMENTAL DATA

693 BEST, MARY D. 607/256-4494
GRADUATE RESEARCH ASSISTANT
DEPARTMENT OF AGRONOMY
CORNELL UNIVERSITY
1018 BRADFIELD HALL
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
AQUATIC PLANT PHYSIOLOGY
ECOSYSTEM INTERACTIONS
WATER CHEMISTRY

694 BLOOMFIELD, JAY 518/457-7470
RESEARCH SCIENTIST
BUREAU OF WATER RESEARCH, ROOM 315
NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
50 WOLF ROAD
ALBANY, NEW YORK 12233

DISCIPLINARY COMPETENCIES
LIMNOLOGY

695 BOGEN, DONALD C. 212/620-3637
RESEARCH CHEMIST
U.S. DEPARTMENT OF ENERGY
ENVIRONMENTAL MEASUREMENTS LABORATORY
376 HUDSON STREET
NEW YORK, NEW YORK 10014

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
QUALITY ASSURANCE

696 BROWN, ROBERT M. 516/282-2260
METEOROLOGIST
BROOKHAVEN NATIONAL LABORATORY
19 W. BROOKHAVEN AVENUE
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
METEOROLOGICAL INSTRUMENTATION

697 BROWN, WENDELL V., JR. 315/379-6426
ASSISTANT PROFESSOR
ECONOMICS DEPARTMENT
ST. LAWRENCE UNIVERSITY
CANTON, NEW YORK 13617

DISCIPLINARY COMPETENCIES
ECONOMICS

698 BUTLER, TOM 607/256-4631
RESEARCH SUPPORT SPECIALIST
ECOLOGY AND SYSTEMATICS SECTION
CORNELL UNIVERSITY, DALE CORSON BLDG
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
MAP3S PRECIPITATION CHEMISTRY SITE

699 BUTTERFIELD, EARLE J. 607/257-2030
ASSISTANT PLANT PATHOLOGIST
BOYCE THOMPSON INSTITUTE
CORNELL UNIVERSITY
TOWER ROAD
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY

700 CHENG, ROGER J. 518/457-7583
RESEARCH ASSOCIATE
ATMOSPHERIC SCIENCIES RESEARCH CENTRE
STATE UNIVERSITY OF NEW YORK
ALBANY, NEW YORK 12222

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECT
EMISSIONS

701 CLARKSON, THOMAS W. 716/275-3911
PROFESSOR AND HEAD. DIV. OF TOXICOLOGY
UNIV. OF ROCHESTER SCHOOL OF MEDICINE
P.O. BOX RBB
ROCHESTER, NEW YORK 14642

DISCIPLINARY COMPETENCIES
ANALYSIS OF METELS IN WATER
HEAVY METAL TOXICOLOGY

702 CLESCERI, NICHOLAS L. 518/270-6541
PROFESSOR OF ENVIRONMENTAL ENGINEERING
DEPARTMENT OF CHEM. AND ENVIRON. ENG.
RENSSELAER POLYTECHNIC INSTITUTE
TROY, NEW YORK 12181

DISCIPLINARY COMPETENCIES
WATER CHEMISTRY
THRUFALL CHEMISTRY
MODELING
NUTRIENT BUDGETS AND CYCLING

703 COLQUHOUN, JAMES R. 315/337-0910
ASSOCIATE AQUATIC BIOLOGIST
NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
8314 FISH HATCHERY ROAD
ROME, NEW YORK 13440

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY

704 CONWAY, LEE 203/666-6911
SCIENTIST EXT 5580
NORTHEAST UTILITIES SERVICE CO.
N 103, P.O. BOX 270
HARTFORD, CONNECTICUT 06101

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
BENTHIC AND PELAGIC ALGAE

705 COUGHENOUR, MICHAEL 315/423-1000
RESEARCH ASSOCIATE
SYRACUSE UNIVERSITY
BIOLOGICAL RESEARCH LAB
130 COLLEGE PL.
SYRACUSE, NEW YORK 13057

DISCIPLINARY COMPETENCIES
ECOLOGY
NUTRIENT CYCLES
ECOSYSTEM LEVEL EFFECTS

706 CREASY, L.L. 607/256-5438
PROFESSOR, DEPARTMENT OF POMOLOGY
CORNELL UNIVERSITY
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
POMOLOGY-HORTICULTURE
PLANT BIOCHEMISTRY

707 DAUM, PETER H. 516/282-7283
CHEMIST
ENVIRONMENTAL CHEMISTRY DIVISION
BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY

708 DAVID, MARK B. 315/470-6766
RESEARCH ASSISTANT
COLLEGE OF ENVIRON. SCIENCE AND FORESTRY
STATE UNIVERSITY OF NEW YORK
ILLICK HALL
SYRACUSE, NEW YORK 13210

DISCIPLINARY COMPETENCIES
FOREST NUTRIENT CYCLING
WATER AND SOIL CHEMISTRY

709 DEPINTO, JOSEPH V. 315/268-6532
ASSOCIATE PROFESSOR, ENVIRONMENTAL ENG.
DEPARTMENT OF CIVIL AND ENVIRON. ENG.
CLARKSON COLLEGE OF TECHNOLOGY
POTSDAM, NEW YORK 13676

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
MATH MODELING OF AQUATIC SYSTEMS
ENVIRONMENTAL EFFECTS ON LAKES
RESTORATION OF ACID LAKES

710 DRISCOLL, CHARLES T. 315/423-2311
ASSISTANT PROFESSOR
DEPT. OF CIVIL ENGINEERING
SYRACUSE UNIVERSITY
144 HINDS HALL
SYRACUSE, NEW YORK 13210

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
SOIL/SEDIMENT CHEMISTRY
WATER QUALITY MODELING

711 EATON, JOHN S. 607/256-3498
TECHNICAL ASSOCIATE
CORNELL UNIVERSITY
262 LANGMUIR LABORATORY
ITHACA, NEW YORK 14850

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
ANALYTICAL CHEMISTRY

712 EDZWALD, JAMES K. 315/268-6542
PROFESSOR
DEPT. OF CIVIL & ENVIRON. ENGINEERING
CLARKSON COLLEGE OF TECHNOLOGY
POTSDAM, NEW YORK 13676

DISCIPLINARY COMPETENCIES
CHEMICAL MODELING OF ACID LAKES
ACID LAKE RECOVERY

713 EVANS, LANCE S. 212/920-0266
ASSOCIATE PROFESSOR- BIOLOGY
LAB OF PLANT MORPHOGENESIS
MANHATTAN COLLEGE
THE BRONX, NEW YORK 10471

DISCIPLINARY COMPETENCIES
VEGETATION EFFECTS

714 FALCONER, PHILLIP D. 518/346-7898
CONSULTING METEOROLOGIST
1162 SUMNER AVENUE
SCHENECTADY, NEW YORK 12309

DISCIPLINARY COMPETENCIES
CLOUD WATER COLLECTION TECHNIQUES
METEOROLOGY
POLLUTANT IMPACT OF FOGS, MISTS AND DEWS

715 FEELY, HERBERT W. 212/620-3627
CHEMIST
U.S. DEPARTMENT OF ENERGY
ENVIRONMENTAL MEASUREMENTS LABORATORY
376 HUDSON STREET
NEW YORK, NEW YORK 10014

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY

716 FERNANDEZ, IVAN J. 212/532-9000
RESEACH FORESTER
NATL COUNCIL OF THE PAPER INDUSTRY FOR AIR AND STREAM IMPROVEMENT, INC (NCASI)
260 MADISON AVENUE - SUITE 1105
NEW YORK, NEW YORK 10016

DISCIPLINARY COMPETENCIES
FORESTRY
FOREST SOILS
SOIL CHEMISTRY

717 FLICK, WILLIAM A. 518/327-3534
RESEARCH SPECIALIST-FISHERY BIOLOGY
CORNELL UNIVERSITY
PAUL SMITH'S, NEW YORK 12977

DISCIPLINARY COMPETENCIES
FISHERY BIOLOGY
FISH MANAGEMENT
LIMING PONDS AND LAKES

718 FOLEY, ROBERT E. 518/773-7318
RESEARCH SCIENTIST
NEW YORK STATE DEPT. OF ENVIRON. CONSERVATION
7235 STEELE AVENUE EXTENSION
GLOVERSVILLE, NEW YORK 12078

DISCIPLINARY COMPETENCIES
PHYSIOLOGICAL ECOLOGY OF COLD-BLOODED VERTEBRATES
FISH PHYSIOLOGY

719 FORREST, JOSEPH 516/282-4477
CHEMIST
ENVIRONMENTAL CHEMISTRY DIVISION
BROOKHAVEN NATIONAL LABORATORY, BLDG 801
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
ATMOSPHERIC ANALYTICAL CHEMISTRY
MASS SPECTROMETRY

720 FORSLINE, PHILLIP L. 315/787-2241
DEPT OF POMOLOGY & VITICULTURE
NEW YORK STATE AGRIC. EXPERIMENT STATION
CORNELL UNIVERSITY
GENEVA, NEW YORK 14456

DISCIPLINARY COMPETENCIES
EFFECTS ON AGRICULTURAL CROPS

721 FRANCIS, A. J. 516/282-4534
MICROBIOLOGIST/SCIENTIST
TERRESTRIAL AND AQUATIC ECOLOGY DIVISION
BROOKHAVEN NATIONAL LABORATORY, BLDG 318
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
SOIL AND AQUATIC MICROBIAL ECOLOGY

722 GALVIN, PHILLIP J. 518/457-0809
RESEARCH SCIENTIST
NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION
50 WOLF ROAD
ALBANY, NEW YORK 12233

DISCIPLINARY COMPETENCIES
ATMOSPHERIC SCIENCE

723 GANNON, JOHN E. 315/341-3088
ASSOCIATE DIRECTOR, RESEARCH CENTER
STATE UNIVERSITY OF NEW YORK AT OSWEGO
OSWEGO, NEW YORK 13126

DISCIPLINARY COMPETENCIES
BIOASSAY
TOXICOLOGY
HISTO-PATHOLOGY
ETHOLOGY
ECOLOGY

724 GARTNER, JOHN 716/632-4491
DIRECTOR OF MARKETING
ECOLOGY AND ENVIRONMENT, INC.
195 SUGG ROAD, P.O. BOX D
BUFFALO, NEW YORK 14225

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SCIENCE CONSULTING

725 GMUR, NICHOLAS F. 516/282-2490
BIOLOGY ASSOCIATE
BROOKHAVEN NATIONAL LABORATORY
DEE-BUILDING 318
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
AGRICULTURAL CROP EFFECTS
WATER QUALITY EFFECTS

726 GRAHAM, RICHARD C. 914/938-3739
ASSOCIATE PROFESSOR
SCIENCE RESEARCH LABORATORY
U.S. MILITARY ACADEMY
WESTPOINT, NEW YORK 10996

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
DATA ACQUISITION

727 HAMILTON, L. D. 516/282-2004
HEAD, BIOMEDICAL ENVIRON. ASSESSMENT
NATL CTR FOR ANALYSIS OF ENERGY SYSTEMS
BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK 11793

DISCIPLINARY COMPETENCIES
PHYSICIAN
MOLECULAR BIOLOGIST
ASSESSOR OF HEALTH AND BIOMEDICAL EFFECTS

728 HAVAS, MAGDA 607/256-4631
POSTDOCTORAL FELLOW
ECOLOGY AND SYSTEMATICS, CORSON BLDG
CORNELL UNIVERSITY
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
AQUATIC INVERTEBRATE PHYSIOLOGY
WATER, SEDIMENT CHEMISTRY

729 HAYES, JANET V. 516/282-7604
METEOROLOGY ASSOCIATE
ATMOSPHERIC SCIENCES DIVISION
BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
METEOROLOGICAL ANALYSIS
SEQUENTIAL SAMPLING

730 HEIT, MERRILL 212/620-3625
ENVIRONMENTAL SCIENTIST
U.S. DEPARTMENT OF ENERGY-
ENVIRONMENTAL MEASUREMENTS LABORATORY
376 HUDSON STREET
NEW YORK, NEW YORK 10014

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
AQUATIC ECOLOGY
PHYSIOLOGY/TOXICOLOGY OF AQ. BIOTA
SEDIMENT CORING

731 HELLER, LAURENCE 607/257-2030
RESEARCH SPECIALIST
BOYCE THOMPSON INSTITUTE
TOWER ROAD
ITHACA, NEW YORK 14850

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY

732 HENDREY, GEORGE R. 516/282-3262
HEAD, TERR. AND AQUATIC ECOLOGY DIV.
BROOKHAVEN NATIONAL LABORATORY, BLDG 318
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
ECOLOGY
LIMNOLOGY

733 HJELMFELT, MARK R. 516/282-3826
ASSISTANT METEOROLOGIST
BROOKHAVEN NATIONAL LABORATORY, BLDG 51
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
CLOUD PHYSICS
MESOMETEOROLOGY

734 HOVEY, HARRY H. 518/457-7230
DIRECTOR
NEW YORK STATE DEPT OF ENVIRONMENTAL CONSERVATION
50 WOLF ROAD
ALBANY, NEW YORK 12180

DISCIPLINARY COMPETENCIES
ENGINEERING
MANAGEMENT

735 HUDLER, GEORGE W. 607/256-3284
ASSISTANT PROFESSOR
DEPARTMENT OF PLANT PATHOLOGY
CORNELL UNIVERSITY
315 PLANT SCIENCE BUILDING
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
FOREST AND SHADE TREE PATHOLOGY

736 HUSAIN, LIAQUAT 518/473-4854
RESEARCH SCIENTIST
DIRECTOR, CHEMICAL SCIENCES LABORATORY
ENVIRONMENTAL HEALTH INSTITUTE
CENTER FOR LABORATORY AND RESEARCH
NEW YORK STATE DEPARTMENT OF HEALTH
ALBANY, NEW YORK 12201

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY

737 JACOBSON, JAY S. 607/257-2030
PLANT PHYSIOLOGIST
BOYCE THOMPSON INSTITUTE
TOWER ROAD
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
AIR POLLUTION
PLANT PHYSIOLOGY

738 JAMES, BRUCE R. 607/256-2287
RESEARCH ASSOCIATE
AGRONOMY DEPARTMENT,
CORNELL UNIVERSITY
BRADFIELD HALL
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
FOREST SOILS
SOIL CHEMISTRY

739 JOHANNES, ARLAND H. 518/270-6381
ASST. PROF. OF CHEMICAL AND ENVIRON. ENG
DEPT. OF CHEMICAL AND ENVIRON. ENG.
RENSSELAER POLYTECHNIC INSTITUTE
TROY, NEW YORK 12181

DISCIPLINARY COMPETENCIES
WET DEPOSITION
DRY DEPOSITION
AIR-WATER INTERFACE MODELING
SNOW CHEMISTRY
CHEMICAL ENGINEERING
APPLICATIONS OF AIR QUALITY

740 KAPLAN, EDWARD 516/282-2007
MANAGER, ENVIRONMENTAL PROGRAMS
ENERGY AND ECONOMICS DIVISION
BROOKHAVEN NATIONAL LABORATORY
BUILDING 475
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
DATABASE DEVELOPMENT AND MANAGEMENT MODELING
POLICY ANALYSES
STATISTICAL ANALYSES
WATER QUALITY

741 KARNOSKY, DAVID F. 914/677-5343
FOREST GENETICIST
CARY ARBORETUM OF THE NEW YORK BOTANICAL GARDEN, BOX AB
MILLBROOK, NEW YORK 12545

DISCIPLINARY COMPETENCIES
AIR POLLUTION EFFECTS ON TREES,
GENETICS,
PATHOLOGICALOGY

742 KELLY, THOMAS 516/282-3086
ASSISTANT CHEMIST
ENVIRONMENTAL CHEMISTRY DIVISION
BROOKHAVEN NATIONAL LABORATORY, BLDG 426
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
ATMOSPHERIC N AND S CHEMISTRY

743 KNAPP, WARREN W. 607/256-3034
ASSOCIATE PROFESSOR
CORNELL UNIVERSITY
1111 BRADFIELD HALL
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
METEOROLOGY

744 KOHUT, ROBERT 607/257-2030
RESEARCH ASSOCIATE
BOYCE THOMAS INSTITUTE FOR PLANT RES.
CORNELL UNIVERSITY
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
PLANTS AND PLANT COMMUNITIES

745 KRETSER, WALTER A. 518/891-1370
RESEARCH SCIENTIST
NYS DEPT OF ENVIRONMENTAL CONSERVATION
SURVEY AND INVENTORY
RAYBROOK, NEW YORK 12977

DISCIPLINARY COMPETENCIES
FISHERIES
MITIGATION TECHNIQUES

746 KURTZ, TIMOTHY M. 315/343-2110
ASSOCIATE ENVIRONMENTAL ANALYST
NIAGARA MOHAWK POWER CORPORATION
OSWEGO STEAM STATION
P.O. BOX 418
OSWEGO, NEW YORK 13126

DISCIPLINARY COMPETENCIES
AMBIENT AIR MONITORING
CHEMISTRY
EMISSIONS MONITORING

747 LASSOIE, JAMES P. 607/256-2114
ASSOCIATE PROFESSOR OF FOREST SCIENCE
CORNELL UNIVERSITY
FERNOW HALL
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
FOREST TREE PHYSIOLOGY
FOREST POLICY AND MANAGEMENT

748 LEE, YIN-NAN 516/282-3294
DEPARTMENT OF ENERGY AND ENVIRONMENT
BROOKHAVEN NATIONAL LABORATORY, BLDG 426
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
CHEMICAL KINETICS
MECHANISM FOR ACID FORMATION
IN THE AMBIENT ATMOSPHERE

749 LETTERMAN, RAYMOND D. 315/423-2311
ASSOCIATE PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
SYRACUSE UNIVERSITY
SYRACUSE, NEW YORK 13210

DISCIPLINARY COMPETENCIES
CIVIL/ENVIRONMENTAL ENGINEERING

750 LEUPOLD, MAUREEN A. 716/395-2470
GRADUATE RESEARCH ASSISTANT
BIOLOGY DEPARTMENT, LENNON HALL
STATE UNIVERSITY COLLEGE AT BROCKPORT
BROCKPORT, NEW YORK 14420

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS
AQUATIC BIOLOGY

751 LIKENS, GENE E. 607/256-4631
PROFESSOR OF ECOLOGY
SECTION OF ECOLOGY AND SYSTEMATICS
CORNELL UNIVERSITY
305 CORSON BLDG.
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
ECOLOGY
LIMNOLOGY
BIOGEOCHEMISTRY

752 LIOY, PAUL J. 212/340-7300
ASSOCIATE PROFESSOR
INSTITUTE OF ENVIRONMENTAL MEDICINE
NEW YORK UNIVERSITY MEDICAL CENTER
550 FIRST AVENUE
NEW YORK, NEW YORK 10016

DISCIPLINARY COMPETENCIES
ATMOSPHERIC AND AEROSOL SCIENCES

753 LIPFERT, FREDERICK W. 516/345-2057
HEAD, ENERGY AND ECONOMIC ANAL DIV
NATL. CENTER ANAL. OF ENERGY SYSTEMS
BROOKHAVEN NATIONAL LABORATORY
BLDG. 475
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
AIR QUALITY ANALYSIS

754 LYLE, RAYMON S. JR 607/256-7535
WATER RESOURCES SPECIALIST
CENTER FOR ENVIRONMENAL RESEARCH-
COOPERATIVE EXTENSION
CORNELL UNIVERSITY, 468 HOLLISTER HALL
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
ACID PRECIPITATION- NEW YORK
STATE DIRECTORY 1982

755 MACK, EUGENE J. 716/631-6782
HEAD OF ATMOSPHERIC SCIENCE SECTION
CALSPAN CORPORATION
BOX 400
BUFFALO, NEW YORK 14225

DISCIPLINARY COMPETENCIES
AEROSOLS
AIR-SEA INTERACTION
CLOUD PHYSICS
METEOROLOGY

756 MANDL, RICHARD H. 607/257-2030
ASSOCIATE ENVIRONMENTAL BIOLOGIST
BOYCE THOMPSON INSTITUTE
CORNELL UNIVERSITY
TOWER ROAD
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
INSTRUMENTAL ANALYSIS OF AIR POLLUTANTS FUMIGATION TECHNIQUES
CHAMBER DESIGN FOR EXPERIMENTAL FUMIGATIONS

757 MANOWITZ, BERNARD 516/345-3037
CHAIRMAN
DEPARTMENT OF ENERGY AND ENVIRONMENT
BROOKHAVEN NATIONAL LABORATORY
2 CENTER STREET
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING
CHEMISTRY

758 MATIAS, DAN 607/726-2551
ENVIRONMENTAL ASSOCIATE EXT 4312
NEW YORK STATE ELECTRIC AND GAS CORP.
4500 VESTAL PARKWAY EAST
BINGHAMTON, NEW YORK 13902

DISCIPLINARY COMPETENCIES
PRECIPITATION MONITORING

759 MATIJEVIC, EGON 315/268-2392
PROFESSOR OF CHEMISTRY
CLARKSON COLLEGE OF TECHNOLOGY
POTSDAM, NEW YORK 13676

DISCIPLINARY COMPETENCIES
AEROSOLS
COLLOIDS

760 MCCUNE, DELBERT C. 607/257-2030
PLANT PHYSIOLOGIST
BOYCE THOMPSON INSTITUTE
CORNELL UNIVERSITY
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
ENVIRONMENTAL BIOLOGY

761 MENZ, FREDRIC C. 315/268-6427
PROFESSOR OF ECONOMICS
CLARKSON COLLEGE OF TECHNOLOGY
SCHOOL OF MANAGEMENT
POTSDAM, NEW YORK 13676

DISCIPLINARY COMPETENCIES
ECONOMIC ANALYSIS-DAMAGE ASSESSMENT AND CONTROL OPTIONS

762 MICHAEL, PAUL 516/282-2264
HEAD, ATMOSPHERIC SCIENCES DIVISION
BROOKHAVEN NATIONAL LABORATORY
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
AIR POLLUTION METEOROLOGY
MODELING AND MODELING APPLICATIONS

763 MILLER, MORTON W. 716/275-3634
ASSOCIATE PROFESSOR
RADIATION BIOLOGY AND BIOPHYSICS
UNIVERSITY OF ROCHESTER
ROCHESTER, NEW YORK 14642

DISCIPLINARY COMPETENCIES
BOTANY
CELL CYCLE ANALYSES

764 MITCHELL, MYRON J. 315/470-6765
ASSOCIATE PROFESSOR
COLLEGE OF ENVIRON. SCIENCE AND FORESTRY
STATE UNIVERSITY OF NEW YORK
SYRACUSE, NEW YORK 13210

DISCIPLINARY COMPETENCIES
DECOMPOSITION PROCESSES
SULFUR DYNAMICS OF ECOSYSTEMS

765 MOHNEN, VOLKER A. 518/457-4604
DIRECTOR, ATMOS. SCI. RESEARCH CENTER
STATE UNIVERSITY OF NEW YORK
1400 WASHINGTON AVENUE
ALBANY, NEW YORK 12222

DISCIPLINARY COMPETENCIES
CLOUD AND PRECIPITATION COLLECTION AND ANALYSIS
LABORATORY STUDIES OF SO2 OXIDATION

766 MULLEN, JOHN K. 315/268-6457
ASSISTANT PROFESSOR OF ECONOMICS
CLARKSON COLLEGE OF TECHNOLOGY
SNELL HALL
POTSDAM, NEW YORK 13676

DISCIPLINARY COMPETENCIES
ECONOMICS IMPACT

767 MUSCHETT, F. DOUGLAS 315/492-4140
221 RIVERDALE DRIVE
SYRACUSE, NEW YORK 13207

DISCIPLINARY COMPETENCIES
AMBIENT MONITORING
METEOROLOGICAL MODELING
POLICY ANALYSIS AND DEVELOPMENT

768 NAGOURNY, STUART 212/620-3639
CHEMIST
U.S. DEPARTMENT OF ENERGY
376 HUDSON STREET
NEW YORK, NEW YORK 10014

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY

769 NAKAS, JAMES P. 315/470-6769
ASSISTANT PROFESSOR
COLLEGE OF ENVIRON. SCIENCE AND FORESTRY
STATE UNIVERSITY OF NEW YORK
SYRACUSE, NEW YORK 13210

DISCIPLINARY COMPETENCIES
BIOCHEMISTRY
MICROBIOLOGY

770 NEWMAN, LEONARD 516/282-4467
HEAD, ENVIRONMENTAL CHEMISTRY DIVISION
BROOKHAVEN NATIONAL LABORATORY
BUILDING 426
UPTON, LONG ISLAND, NEW YORK 11973

DISCIPLINARY COMPETENCIES
CHEMISTRY
ATMOSPHERIC SCIENCES

771 NOVICK, NORMAN J. 607/256-3268
POSTDOCTORAL ASSOCIATE
DEPARTMENT OF AGRONOMY
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
SOIL MICROBIOLOGY-
NITROGEN MINERALIZATION AND
NITRIFICATION

772 PATRINOS, ARISTIDES A. 516/282-3911
ASSOCIATE METEOROLOGIST
BROOKHAVEN NATIONAL LABORATORY
ASD-DEE-051 BROOKHAVEN LABORATORY
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
METEOROLOGY MODELING

773 PETERS, NORMAN E. (JAKE) 518/472-2822
RESEARCH HYDROLOGIST (GEOCHEMIST)
U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
P.O. BOX 744
ALBANY, NEW YORK 12201

DISCIPLINARY COMPETENCIES
LOW TEMPERATURE GEOCHEMISTRY
WATER-ROCK INTERACTIONS

774 PEVERLY, JOHN H. 607/256-5457
ASSOCIATE PROFESSOR
DEPARTMENT OF AGRONOMY
CORNELL UNIVERSITY
1016 BRADFIELD HALL
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
AQUATIC MACROPHYTES
WATER AND SEDIMENT CHEMISTRY
WETLAND SYSTEMS

775 PFEIFFER, MARTIN H. 518/891-1370
ASSOCIATE AQUATIC BIOLOGIST
DEPT. OF ENVIRON. CONSERVATION, D.E.C.
RAY BROOK, NEW YORK 12977

DISCIPLINARY COMPETENCIES
MITIGATION TECHNIQUES (LIMING)
WATER COLUMN CHEMISTRY (ADIRONDACKS)

776 PRATT, J. MICHAEL 607/732-4951
COORDINATOR OF ACADEMIC COMPUTER SERV.
ELMIRA COLLEGE
809 WEST GRAY STREET
ELMIRA, NEW YORK 14905

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY AND ENTOMOLOGY
COMPUTER APPLICATIONS
STATISTICS
STRESS ECOLOGY

777 PUTTA, SURG N. 518/474-5363
PRINCIPAL POLICY ANALYSIS
NYS DEPARTMENT OF PUBLIC SERVICE
3 EMPIRE STATE PLAZA
ALBANY, NEW YORK 12223

DISCIPLINARY COMPETENCIES
MODELING
POLICY ANALYSIS

778 QUINBY, HELEN L. 516/282-3069
RESEARCH ASSOCIATE
BROOKHAVEN NATIONAL LABORATORY, BLDG 318
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
MICROBIOLOGY

779 RAYNAL, DUDLEY J. 315/470-6782
ASSOCIATE PROFESSOR
COLL. OF ENVIRON. SCI. AND FORESTRY
STATE UNIVERSITY OF NEW YORK
SYRACUSE, NEW YORK 13210

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
PLANT ECOLOGY

780 RAYNOR, GILBERT S. 516/282-2268
METEOROLOGIST
BROOKHAVEN NATIONAL LABORATORY
ATMOSPHERIC SCIENCES DIVISION
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
METEOROLOGY

781 REICH, PETER B.
POSTDOCTORAL ASSOCIATE
BOYCE THOMPSON INSTITUTE
CORNELL UNIVERSITY
TOWER ROAD
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
AIR POLLUTION EFFECTS
PLANT ECOLOGY
PLANT PHYSIOLOGY

782 RENGERT, DAVID H. 315/343-2110
LEAD ENVIRONMENTAL ANALYST
NIAGARA MOHAWK POWER CORPORATION
OSWEGO STEAM STATION
P.O. BOX 418
OSWEGO, NEW YORK 13126

DISCIPLINARY COMPETENCIES
AMBIENT AIR MONITORING
BIOLOGY AND CHEMISTRY
EMISSIONS MONITORING

783 RIHA, SUSAN J. 607/256-2287
CHARLES LATHROP PACK RESEARCH
PROFESSOR OF FOREST SOILS
AGRONOMY DEPARTMENT
CORNELL UNIVERSITY
907 BRADFIELD HALL
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
FOREST SOILS
SOIL CHEMISTRY
WATER AND SOLUTE TRANSPORT IN SOILS

784 ROBERTSON, JOHN K. 914/938-3739
ASSOCIATE RESEARCH PROFESSOR
SCIENCE RESEARCH LABORATORY
U.S. MILITARY ACADEMY
WEST POINT, NEW YORK 10996

DISCIPLINARY COMPETENCIES
MINERALOGY/PETROLOGY
GEOCHEMISTRY
PRECIPITATION CHEMISTRY

785 SCHAIRER, LLOYD A. 516/282-3381
SENIOR BIOLOGY ASSOCIATE
BROOKHAVEN NATIONAL LABORATORY, BLDG 463
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
RADIOBIOLOGY
GENETIC-TOXICOLOGY OF AIRBORNE CHEMICALS

786 SCHOFIELD, CARL L. 607/256-2001
SENIOR RESEARCH ASSOCIATE
DEPARTMENT OF NATURAL RESOURCES
CORNELL UNIVERSITY, FERNOW HALL
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
FISHERIES SCIENCE

787 SCHOTT, JOHN R. 716/475-2783
ASSISTANT PROFESSOR
SCHOOL OF PHOTOGRAPHIC ARTS AND SCIENCES
ROCHESTER INSTITUTE OF TECHNOLOGY
ONE LOMB MEMORIAL DRIVE
ROCHESTER, NEW YORK 14623

DISCIPLINARY COMPETENCIES
IMAGE ANALYSIS
REMOTE SENSING
WATER QUALITY

788 SCHWARTZ, STEPHEN E. 516/282-3100
CHEMIST
BROOKHAVEN NATIONAL LABORATORY
ENVIRONMENTAL CHEMISTRY DIVISION
BUILDING 426
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
PHYSICAL CHEMISTRY
ATMOSPHERIC CHEMISTRY

789 SCOTT, JON T. 518/457-3993
ASSOCIATE PROFESSOR
STATE UNIVERSITY OF NEW YORK- ALBANY
1400 WASHINGTON AVENUE
ALBANY, NEW YORK 12222

DISCIPLINARY COMPETENCIES
ATMOSPHERIC SCIENCE, BIOCLIMATOLOGY
PLANT ECOLOGY
PHYSICAL LIMNOLOGY

790 SINGER, ROBERT 315/824-1000
ASSISTANT PROFESSOR, EXT 393
DEPARTMENT OF BIOLOGY
COLGATE UNIVERSITY
HAMILTON, NEW YORK 13346

DISCIPLINARY COMPETENCIES
BENTHIC MACROINVERTEBRATES,
FRESHWATER BIOLOGICAL MONITORING

791 SKALEY, JAMES E. 607/256-2014
RESEARCH ASSOCIATE
DEPT. OF NATURAL RESOURCES
CORNELL UNIVERSITY, FERNOW HALL
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
LANDSCAPE CLASSIFICATION
REMOTE SENSING
TERRESTRIAL ECOLOGY

792 SURGAN, MICHAEL 212/488-5501
ENVIRONMENTAL SCIENTIST
NEW YORK STATE DEPARTMENT OF LAW
2 WORLD TRADE CENTER
NEW YORK, NEW YORK 10047

DISCIPLINARY COMPETENCIES
IMPACT ASSESSMENT
LEGAL, POLICY AND REGULATORY OPTIONS

793 TANNER, ROGER L. 516/282-3578
CHEMIST
BROOKHAVEN NATIONAL LAB
DEE, BUILDING 426
UPTON, NEW YORK 11973

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
OF TRACE ATMOSPHERIC CONSTITUENTS
ATMOSPHERIC CHEMISTRY
FIELD MEASUREMENTS OF AEROSOL AND
GASEOUS SULFUR AND NITROGEN SPECIES

794 TIRPAK, DENNIS
TEXACO
DEPT. ENVIRON. AFFAIRS
BOX 509
BEACON, NEW YORK 12508

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SCIENCE

795 TITUS, JOHN E. 607/798-6538
ASSISTANT PROFESSOR
STATE UNIVERSITY OF NEW YORK
BINGHAM, NEW YORK 13901

DISCIPLINARY COMPETENCIES
AQUATIC PLANT ECOLOGY

796 TORQUATO, CAMILLE 212/620-3644
CHEMIST
ENVIRONMENTAL MEASUREMENTS LABORATORY
U.S. DEPARTMENT OF ENERGY
376 HUDSON STREET
NEW YORK, NEW YORK 10014

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY

797 TROIANO, JOHN 607/257-2030
RESEARCH ASSOCIATE
BOYCE THOMPSON INSTITUTE
TOWER ROAD
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY

798 UUTALA, ALLEN J. 315/470-6765
GRADUATE ASSISTANT
DEPT OF ENVIRON. AND FOREST BIOLOGY
COLLEGE OF ENVIRON SCIENCE AND FORESTRY
STATE UNIVERSITY OF NEW YORK
SYRACUSE, NEW YORK 13210

DISCIPLINARY COMPETENCIES
BENTHIC INVERTEBRATE ECOLOGY

799 VASUDEVAN, CHITHBABU 518/270-6367
RESEARCH ASSOCIATE
DEPARTMENT OF CHEMICAL ENGINEERING
AND ENVIRONMENTAL ENGINEERING
RENSSELAER POLYTECHNIC INSTITUTE
TROY, NEW YORK 12180

DISCIPLINARY COMPETENCIES
AIR POLLUTION
MODELING OF ENVIRONMENTAL SYSTEMS
WASTE WATER TREATMENT
WATER CHEMISTRY

800 VERTUCCI, FRANK A. 607/256-3498
GRADUATE RESEARCH ASSOCIATE
CORNELL UNIVERSITY
ITHACA, NEW YORK 14850

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY
REMOTE SENSING

801 VROOMAN, DAVID H. 315/379-6426
ASSOCIATE PROFESSOR
ECONOMICS DEPARTMENT
ST. LAWRENCE UNIVERSITY
CANTON, NEW YORK 13617

DISCIPLINARY COMPETENCIES
ECONOMICS

802 WANG, C. J. K. 315/470-6791
PROFESSOR
DEPT OF ENVIRONMENTAL AND FOREST BIOLOGY
SUNY, COLLEGE OF ENVIRONMENTAL SCIENCE
AND FORESTRY
SYRACUSE, NEW YORK 13210

DISCIPLINARY COMPETENCIES
MYCOLOGY-DEUTEROMYCETES

803 WEBSTER, DWIGHT A. 607/256-6578
PROFESSOR OF FISHERY SCIENCE
DEPT OF NATURAL RESOURCES,
CORNELL UNIVERSITY
FERNOW HALL
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
FISH POPULATION DYNAMICS
SALMONID LIFE HISTORIES

804 WEINSTEIN, LEONARD H. 607/257-2030
PROGRAM DIRECTOR, ENVIRONMENTAL BIOLOGY
BOYCE THOMPSON INSTITUTE
TOWER ROAD
ITHACA, NEW YORK 14853

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
FIELD EVALUATION

805 WILSON, JERRE W. 914/938-3739
CAPTAIN, RESEARCH OFFICER
SCIENCE RESEARCH LABORATORY
UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK 10996

DISCIPLINARY COMPETENCIES
ATMOSPHERIC SCIENCE

806 WILSON, STEPHEN O. 518/861-8020
ENVIRONMENTAL ANALYST
RD 3, STITT ROAD
ALTAMONT, NEW YORK 12009

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL MANAGEMENT
GEOGRAPHY
GEOHYDROLOGY
WATER RESOURCES, LAND USE

807 YOUNG, THOMAS C. 315/268-4430
ASSOCIATE PROFESSOR
DEPT. OF CIVIL & ENVIRONMENTAL ENG.
CLARKSON COLLEGE OF TECHNOLOGY
POTSDAM, NEW YORK 13676

DISCIPLINARY COMPETENCIES
LIMNOLOGY
AQUATIC SYSTEMS MANAGEMENT
AQUATIC SEDIMENTS

## NORTH CAROLINA

808 AKLAND, GERALD G. 919/541-2346
DIRECTOR, DATA MANAGEMENT AND ANALYSIS
U.S. ENVIRONMENTAL PROTECTION AGENCY
EPA, EMSL/RTP, MD NUMBER 56
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
DATA MANAGEMENT AND ANALYSIS

809 ALLEN, H. LEE 919/737-3500
ASSISTANT PROFESSOR FORESTRY AND SOILS
DEPARTMENT OF FORESTRY, P.O. BOX 5488
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
FOREST SOILS
TREE NUTRITION
STAND DYNAMICS

810 ALSOP, WILLIAM R. 919/737-3520
PROGRAM ASSISTANT
EPA/NCSU ACID PRECIPITATION PROGRAM
NORTH CAROLINA STATE UNIVERSITY
1509 VARSITY DRIVE
RALEIGH, NORTH CAROLINA 27606

DISCIPLINARY COMPETENCIES
BOTANY (PLANT PHYS.)
DATA ANALYSIS (NADP)

811 BAKER, JOAN P. 919/737-3520
AQUATIC BIOLOGIST
EPA/NCSU ACID PRECIPITATION PROGRAM
NORTH CAROLINA STATE UNIVERSITY
1509 VARSITY DRIVE
RALEIGH, NORTH CAROLINA 27606

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY
FISHERIES

812 BARNES, H.M. 919/541-2184
RESEARCH CHEMIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
MD 57
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
ATMOSPHERIC CHEMISTRY
KINETICS

813 BARTUSKA, ANN M. 919/737-3520
ASSISTANT PROFESSOR (VISITING)
EPA/NCSU ACID PRECIPITATION PROGRAM
NORTH CAROLINA STATE UNIVERSITY
1509 VARSITY DRIVE
RALEIGH, NORTH CAROLINA 27606

DISCIPLINARY COMPETENCIES
BIOGEOCHEMISTRY
PLANT-SOIL INTERACTIONS

814 BLACK, FRANK 919/542-3037
CHIEF, EMISSION TESTING/CHARACTERIZATION
MOBILE SOURCE EMISSIONS RESEARCH BRANCH
U.S. ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
CHARACTERIZATION OF SULFATE
EMISSIONS FROM MOBILE SOURCES

815 BLANK, GARY B. 919/737-2891
LECTURER, DEPARTMENT OF FORESTRY
TECH.EDITOR, C.A.D. ON ACIDIC DEPOSITION
NORTH CAROLINA STATE UNIVERSITY
BOX 5488
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
SILVICULTURE
WRITING, EDITING AND INFORMATION
MANAGEMENT

816 BRUCK, ROBERT I. 919/737-2721
ASSISTANT PROFESSOR OF PLANT PATHOLOGY
AND FORESTRY
PLANT PATHOLOGY DEPARTMENT
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
FOREST PATHOLOGY
PHYTOPATHOLOGY

817 BUCHANAN, JAMES W. 704/262-3010
PROFESSOR OF CHEMISTRY
APPALACHIAN STATE UNIVERSITY
BOONE, NORTH CAROLINA 28608

DISCIPLINARY COMPETENCIES
ATMOS CHEM, SAMPLING AND ANALYSIS

818 CHENEY, JAMES L. 919/541-3085
RESEARCH CHEMIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
EPA ANNEX, MD 46
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
ACIDIC SOURCE EMISSIONS
MEASUREMENT TECHNOLOGIES

819 CLARK, TERRY LEE 919/541-3372
METEOROLOGIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
ENVIRONMENTAL SCIENCES RESEARCH
LABORATORY, MD-80
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
NUMERICAL SIMULATION MODELS
US/CANADIAN MOI WORK GROUP 2

820 COWLING, ELLIS B. 919/737-2883
PROGRAM DIRECTOR
EPA/NCSU ACID PRECIPITATION PROGRAM AND
ASSOCIATE DEAN FOR RESEARCH
SCHOOL OF FOREST RESOURCES
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY
FORESTRY

821 CRAWFORD, KENT J. 919/755-4510
HYDROLOGIST
U.S. GEOLOGIST SURVEY
P.O. BOX 2857
RALEIGH, NORTH CAROLINA 27602

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY
HYDROLOGY

822 DAUM, KEITH A. 919/541-6547
ENVIRONMENTAL SCIENTIST
RESEARCH TRIANGLE INSTITUTE
P.O. BOX 12194
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SCIENCES
IMPACT ASSESSMENT
REGULATORY ANALYSIS

823 DAVEY, CHARLES B 919/737-2883
PROFESSOR, DEPT OF FORESTRY
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
FOREST SOILS
SOIL MICROBIOLOGY

824 DAVIS, J. MICHEAL 919/541-4162
PROJECT MANAGER
U.S. ENVIRONMENTAL PROTECTION AGENCY
ENVIRONMENTAL CRITERIA
AND ASSESSMENT OFFICE (MD-52)
RESEARCH TRIANGLE PARK, NC 2771

DISCIPLINARY COMPETENCIES
RESEARCH ANALYSIS AND ASSESSMENT,
TECHNICAL COMMUNICATION,
BIOLOGY

825 DECKER, CLIFFORD E. 919/541-6901
MANAGER, ENVIRONMENTAL CHEMISTRY DEPT.
SYSTEMS AND MEASUREMENT DIVISION
RESEARCH TRIANGLE INSTITUTE
BOX 12194
RESEARCH TRIANGLE PARK, NC 27709

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY

826 DEMERJIAN, KENNETH L. 919/541-4541
DIRECTOR, METEOROLOGY AND ASSESMENT DIV.
U.S. ENVIRONMENTAL PROTECTION AGENCY
MAIL DROP 80
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
AIR QUALITY
ATMOSPHERIC PROCESSES
DEPOSITION MODELING

827 DOUGLASS, JAMES E. 704/524-2128
PROJECT LEADER
USDA FOREST SERVICE
COWEETA HYDROLOGIC LABORATORY
ROUTE 1, BOX 216
OTTO, NORTH CAROLINA 26763

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
HYDROLOGY

828 DUBAY, DENIS T. 919/737-3575
RESEARCH ASSOCIATE
BOTANY DEPARTMENT
NORTH CAROLINA STATE UNIVERSITY
3908 INWOOD RD
RALEIGH, NORTH CAROLINA 27603

DISCIPLINARY COMPETENCIES
BOTANY
PLANT ECOLOGY
TERRESTRIAL ECOLOGY

829 DURHAM, JACK L. 919/541-2183
CHIEF, AEROSOL RESEARCH BRANCH
U.S. ENVIRONMENTAL PROTECTION AGENCY
MD 57
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
AEROSOL SCIENCE
CHEMISTRY

830 EATON, W. CARY 919/541-6720
ENVIRONMENTAL CHEMIST
RESEARCH TRIANGLE INSTITUTE
P.O. BOX 12194
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
FIELD MEASUREMENTS
QUALITY ASSURANCE

831 EVANS, E. GARDNER 919/541-3887
OPERATIONS RESEARCH ANALYST
U.S. ENVIRONMENTAL PROTECTION AGENCY
EMSL, MD 56
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

832 FINKELSTEIN, PETER LORAN 919/541-2347
METEOROLOGIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
MD 56
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
METEOROLOGY
PHYSICS
STATISTICS

833 FOX, DONALD L. 919/967-6378
ASSOCIATE PROFESSOR
UNIVERSITY OF NORTH CAROLINA
ENVIRONMENTAL SCIENCES AND
ENGINEERING - 201 H
CHAPEL HILL, NORTH CAROLINA 27514

DISCIPLINARY COMPETENCIES
PHYSICAL CHEMISTRY
GASEOUS AND AEROSOL INSTRUMENTATION

834 GARNER, J.H.B. 919/541-2266
ECOLOGIST
ENVIRONMENTAL CRITERIA AND ASSESSMENT
U.S. ENVIRONMENTAL PROTECTION AGENCY
ECAO, MD-52, EPA
RESEARCH TRIANGLE PARK, NC 27701

DISCIPLINARY COMPETENCIES
ECOLOGY
BOTANY
MYCOLOGY
MICROBIOLOGY

835 GORMAN, ROY T. 919/733-6126
ENVIRONMENTAL SCIENTIST
NC-NRCD-DEM
P.O. BOX 27687
RALEIGH, NORTH CAROLINA 27611

DISCIPLINARY COMPETENCIES
BOTANY
VEGETATION EFFECTS

836 HAFLEY, WILLIAM L. 919/737-2891
PROFESSOR OF FORESTRY AND STATISTICS
DEPARTMENT OF FORESTRY, P.O. BOX 5488
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
EXPERIMENTAL STATISTICS
FOREST BIOMETRY

837 HALL, ROBERT E. 919/541-2477
RESEARCH MECHANICAL ENGINEER
U.S. ENVIRONMENTAL PROTECTION AGENCY
COMBUSTION RESEARCH BRANCH (MD-65)
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
MECHANICAL AND CHEMICAL ENGINEERING

838 HARDEN, C. WAYNE 704/875-1971
ASSISTANT CHEMIST
PRODUCTION ENVIRONMENTAL SERVICES
DUKE POWER COMPANY
RT. 4, BOX 531
HUNTERSVILLE, NORTH CAROLINA 28078

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
ENVIRONMENTAL SCIENCE

839 HARSHBARGER, T. J. 704/258-2850
AQUATIC ECOLOGIST EXT 316
USDA FOREST SERVICE
SOUTHEASTERN FOREST EXPT STATION
200 WEAVER BLVD.
ASHEVILLE, NORTH CAROLINA 28804

DISCIPLINARY COMPETENCIES
AQUATIC HABITAT COLD WATER SPECIES
( VERTEBRATE AND INVERTEBRATE )

840 HEAGLE, ALLEN S. 919/737-2751
RESEARCH PLANT PATHOLOGIST
PLANT PATHOLOGY DEPARTMENT
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY

841 HECK, WALTER W. 919/737-3311
USDA/ARS
1509 VARSITY DRIVE
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
AIR POLLUTION EFFECTS ON CROP PRODUCTION

842 HENDRY, ROBERT N. 919/541-6145
MANAGER
MANAGEMENT INFORMATION SCIENCES DEPT.
RESEARCH TRIANGLE INSTITUTE
P.O. BOX 12194
RESEARCH TRIANGLE PARK, NC 27709

DISCIPLINARY COMPETENCIES
INFORMATION SYSTEMS

843 HOMOLYA, JAMES BRIAN 919/541-2648
RESEARCH CHEMIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
REGIONAL FIELD STUDIES OFFICE MD-84
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
EMISSIONS MEASUREMENT & CHARACTERIZATION
ATMOSPHERIC MONITORING/FIELD STUDIES

844 HOOD, BETSY ANN 919/737-3520
COORDINATOR, C.A.D. ON ACIDIC DEPOSITION
EPA/NCSU ACID PRECIPITATION PROGRAM
NORTH CAROLINA STATE UNIVERSITY
1509 VARSITY DRIVE
RALEIGH, NORTH CAROLINA 27606

DISCIPLINARY COMPETENCIES
C.A.D. ON ACIDIC DEPOSITION
PLANT SCIENCE
ENVIRONMENTAL IMPACT ASSESSMENT

845 JUNGERS, ROBERT H. 919/541-2133
PHYSICAL SCIENTIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
ENVIRONMENTAL MONITORING SYSTEM
LABORATORY, EMD, MD 56
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
CHEMISTRY

846 KNAPP, KENNETH T. 919/541-3085
SUPERVISORY RESEARCH CHEMIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
PHYSICAL CHEMISTRY

847 LINTHURST, RICK A. 919/781-3520
DIRECTOR, ECOLOGICAL SERVICES
KILKELLY ENVIRONMENTAL ASSOCIATES, INC.
WATER GARDEN, P.O. BOX 31265
RALEIGH, NORTH CAROLINA 27622

DISCIPLINARY COMPETENCIES
SOIL AND PLANT INTERACTION
WETLAND PLANT ECOLOGY

848 MAXWELL, MIKE
U.S. ENVIRONMENTAL PROTECTION AGENGY
IERL, MD-61
RESEARCH TRIANGLE PARK, NC 27701

DISCIPLINARY COMPETENCIES
FLUE GAS DESULFERIZATION

849 MCCLENNY, WILLIAM ARTHUR 919/541-3158
RESEARCH PHYSICIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
MD 44
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
PHYSICS
ENVIRONMENTAL SCIENCE

850 MILLIKEN, JOHN
U.S. ENVIRONMENTAL PROTECTION AGENCY
IERL, MD-61
RESEARCH TRIANGLE PARK, NC 27701

DISCIPLINARY COMPETENCIES
FLUE GAS DESULFERIZATION

851 MOBLEY, DAVID
U.S. ENVIRONMENTAL PROTECTION AGENCY
IREL, MD-61
RESEARCH TRIANGLE PARK, NC

DISCIPLINARY COMPETENCIES
FLUE GAS DESULFURIZATION

852 MOBLEY, J. DAVID 919/541-2578
ENVIRONMENTAL ENGINEER
INDUSTRIAL ENVIRONMENTAL RESEARCH LAB
U.S. ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
ENGINEERING- EMISSION INVENTORIES,
EMISSION MODELING, AND
CONTROL TECHNOLOGY ASSESSMENTS

853 MORRIS, LAWRENCE 919/737-3500
ASSISTANT PROFESSOR
SCHOOL OF FOREST RESOURCES, BOX 5488
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
FORESTRY
SOIL SCIENCE

854 OVERTON, JOHN H., JR 919/549-0631
PROJECT SCIENTIST
NORTHROP SERVICES, INC.
RESEARCH TRIANGLE PARK, NC 27709

DISCIPLINARY COMPETENCIES
MATHEMATICAL MODELING
MASS TRANSPORT
NUMERICAL TECHNIQUES

855 PUZAK, JOHN C. 919/541-2188
DIRECTOR, QUALITY ASSURANCE DIVISION
ENVIRONMENTAL MONITORING SYSTEMS LAB.
U.S. ENVIRONMENTAL PROTECTION AGENCY
MD-77
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
CHEMISTRY
QUALITY ASSURANCE

856 REINERT, RICHARD A. 919/737-2751
RESEARCH PLANT PATHOLOGIST
DEPT. OF PLANT PATHOLOGY
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY
HORTICULTURE
PLANT GROWTH & DEVELOPMENT

857 REIST, PARKER C. 919/966-1023
PROFESSOR OF AIR AND INDUSTRIAL HYGIENE
DEPT. ENVIRON. STUDIES AND ENGINEERING
UNIVERSITY OF NORTH CAROLINA
CHAPEL HILL, NORTH CAROLINA 27514

DISCIPLINARY COMPETENCIES
AEROSOLS
AIR POLLUTION

858 ROBERSON, RALPH L. 919/781-3150
VICE PRESIDENT
KILKELLY ENVIRONMENTAL ASSOCIATES, INC.
P.O. BOX 31265
RALEIGH, NORTH CAROLINA 27622

DISCIPLINARY COMPETENCIES
MECHANICAL ENGINEERING

859 ROGERS, HUGO H. 919/737-3311
ASSOCIATE PROFESSOR AND PLANT PHYSIOL.
AR-SEA-USDA
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
AIR POLLUTION SCIENCE
PLANT EFFECTS
EXPOSURE SYSTEM DESIGN

860 SCHIERMEIER, FRANCIS A. 919/541-4551
CHIEF, TERRAIN EFFECTS BRANCH
U.S. ENVIRONMENTAL PROTECTION AGENCY
ENVIRONMENTAL SCIENCES RESEARCH LAB.
MD 80
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
MATHEMATICAL MODELING
METEOROLOGY

861 SHAFER, STEVEN R. 919/737-2753
GRADUATE RESEARCH ASSISTANT
DEPARTMENT OF PLANT PATHOLOGY, BOX 5397
NORTH CAROLINA STATE UNIVERSITY
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY
SOIL MICROBIOLOGY

862 SICKLES, JOSEPH E. 919/541-6903
HEAD OF ATMOSPHERIC CHEMISTRY RESEARCH
RESEARCH TRIANGLE INSTITUTE
P.O. BOX 12194
RESEARCH TRIANGLE PARK, NC 27709

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
MODELING
MONITORING

863 STEVENS, ROBERT K. 919/541-3156
CHIEF, INORGANIC POLLUTANT ANALYSIS
U.S. ENVIRONMENTAL PROTECTION AGENCY
MD-47
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
ORGANIC AND ANALYTICAL CHEMISTRY

864 SWANK, WAYNE T. 704/524-2128
PLANT ECOLOGIST
USDA FOREST SERVICE
COWEETA HYDROLOGIC LABORATORY
ROUTE 1, BOX 216
OTTO, NORTH CAROLINA 28763

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
HYDROLOGY

865 SWIFT, LLOYD W., JR. 704/524-2128
RESEARCH METEOROLOGIST
USDA FOREST SERVICE
COWEETA HYDROLOGIC LABORATORY
ROUTE 1, BOX 216
OTTO, NORTH CAROLINA 28763

DISCIPLINARY COMPETENCIES
FOREST METEOROLOGY
HYDROLOGY
FOREST SOILS
FORESTRY
COMPUTER SCIENCE

866 TOMMERDAHL, JAMES B. 919/541-6884
DIRECTOR, SYSTEMS AND MEASUREMENTS DIV.
RESEARCH TRIANGLE INSTITUTE
P.O. BOX 12194, BUILDING 6
RESEARCH TRIANGLE PARK, NC 27709

DISCIPLINARY COMPETENCIES
DATA ACQUISITION
INSTRUMENTATION

867 VIEBROCK, HERBERT 919/541-4541
METEOROLOGIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
METEOROLOGY DIVISION, MD-80
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
METEOROLOGY

868 VOZZO, STEVEN F. 919/737-3520
PROGRAM ASSISTANT
EPA/NCSU ACID PRECIPITATION PROGRAM
NORTH CAROLINA STATE UNIVERSITY
1509 VARSITY DRIVE
RALEIGH, NORTH CAROLINA 27606

DISCIPLINARY COMPETENCIES
BIOLOGY
INTERNATIONAL DIRECTORY OF ACIDIC DEPOSITION RESEARCHERS

869 WELLS, CAROL G. 919/541-4215
RESEARCH SOIL SCIENTIST
USDA, SOUTHEASTERN FOREST EXPERIMENT STN
FORESTRY SCIENCES LABORATORY
P.O. BOX 12254
RESEARCH TRIANGLE PARK, NC 27709

DISCIPLINARY COMPETENCIES
FOREST SOILS
FERTILIZATION AND MINERAL CYCLING

870 WILSON, WILLIAM E. 919/541-2551
SCIENTIFIC DIRECTOR
REGIONAL FIELD STUDIES OFFICE
U.S. ENVIRONMENTAL PROTECTION AGENCY
ENVIRONMENTAL RESEARCH CENTER, MD 84
RESEARCH TRIANGLE PARK, NC 27711

DISCIPLINARY COMPETENCIES
CHEMISTRY

871 WITHERSPOON, A. M. (GUS) 919/737-3345
PROFESSOR OF BOTANY
NORTH CAROLINA STATE UNIVERSITY
BOX 5186
RALEIGH, NORTH CAROLINA 27650

DISCIPLINARY COMPETENCIES
PHYSIOLOGICAL ECOLOGY OF ALGAE
PHYTOPLANKTOLOGY

## NORTH DAKOTA

872 ANDERSON, KURT W. 701/224-2366
ENVIRONMENTAL SCIENTIST
NORTH DAKOTA STATE DEPARTMENT OF HEALTH
1200 MISSOURI AVENUE
BISMARCK, NORTH DAKOTA 58501

DISCIPLINARY COMPETENCIES
AIR QUALITY
ATMOSPHERIC CHEMISTRY
METEOROLOGY
RANGELAND ECOLOGY

873 ANGELO, ROBERT T. 701/224-2366
MANAGER, ENVIRONMENTAL RESEARCH PROG
NORTH DAKOTA STATE DEPARTMENT OF HEALTH
1200 MISSOURI AVENUE
BISMARCK, NORTH DAKOTA 58501

DISCIPLINARY COMPETENCIES
ECOLOGY
LIMNOLOGY
PRECIPITATION CHEMISTRY
AQUATIC IMPACTS

874 BONE, STEVEN D. 701/842-2333
DISTRICT PARK RANGER (SUPERVISORY)
NATIONAL PARK SERVICE
THEODORE ROOSEVELT NATIONAL PARK
STAR ROUTE 2, BOX 35
WATFORD CITY, NORTH DAKOTA 58854

DISCIPLINARY COMPETENCIES
FIELD ANALYSIS
MONITORING/FIELD MEASUREMENTS

875 ENZ, JOHN W. 701/293-3486
ASST. PROFESSOR/AGRICULTURE CLIMATOLOGY
SOILS DEPARTMENT
NORTH DAKOTA STATE UNIVERSITY
FARGO, NORTH DAKOTA 58105

DISCIPLINARY COMPETENCIES
AGRICULTURAL METEOROLOGY
CLIMATOLOGY

876 HOUGHTON, ROBERT L. 701/255-4011
WATER QUALITY SPECIALIST EXT 604
U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
821 E. INTERSTATE AVENUE
BISMARCK, NORTH DAKOTA 58501

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY
HYDROLOGY

877 SCHOCK, MARTIN 701/224-2348
ASSISTANT DIVISION DIRECTOR
ENVIR. WASTE MANAGEMENT AND RESEARCH
NORTH DAKOTA STATE DEPARTMENT OF HEALTH
MISSOURI OFFICE BLDG., 1200 MISSOURI AVE
BISMARK, NORTH DAKOTA 58501

DISCIPLINARY COMPETENCIES
METEROLOGY
AIR QUALITY
WEATHER MODIFICATION

## OHIO

878 BAASEL, WILLIAM D. 614/594-6267
PROFESSOR
CHEMICAL ENGINEERING DEPARTMENT
OHIO UNIVERSITY
ATHENS, OHIO 45701

DISCIPLINARY COMPETENCIES
COST OF CONTROL
USE OF RADIATION FOR CONTROL

879 BLOOM, SANFORD G. 614/424-4117
PRINCIPAL SCIENTIST
BATTELLE, COLUMBUS LABORATORIES
505 KING AVENUE
COLUMBUS, OHIO 43201

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING
MATHEMATICS

880 BOERNER, RALPH E. J. 614/422-3082
ASSISTANT PROFESSOR
DEPARTMENT OF BOTANY
OHIO STATE UNIVERSITY
1735 NEIL AVENUE
COLUMBUS, OHIO 43210

DISCIPLINARY COMPETENCIES
BIOGEOCHEMISTRY
FOREST ECOLOGY

881 CARLSON, JOHN D. 614/422-4020
POSTDOCTORAL RESEARCHER
THE OHIO STATE UNIVERSITY
2024 NEIL AVENUE
COLUMBUS, OHIO 43210

DISCIPLINARY COMPETENCIES
AIR POLLUTION MODELING- DIFFUSION AND TRANSPORT
ATMOSPHERIC FLUID DYNAMICS
BOUNDARY-LAYER METEOROLOGY
TERRAIN EFFECTS

882 CICCONETTI, ANGELO B. 216/352-0766
AIR POLLUTION CONTROL TECH. EXT 53
LAKE CO. GENERAL HEALTH DISTRICT
105 MAIN STREET P.O. BOX 490
PAINESVILLE, OHIO 44077

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION
MONITORING/FIELD MEASUREMENTS

883 DEVITT, TIMOTHY W. 513/782-4717
VICE PRESIDENT
PEDCO ENVIRONMENTAL
11499 CHESTER ROAD
CINCINNATI, OHIO 45208

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING
ENVIRONMENTAL ENGINEERING
REGULATORY OPTION ANALYSES

884 DICK, WARREN A. 216/264-1021
ASSISTANT PROFESSOR EXT 191
DEPARTMENT OF AGRONOMY
OHIO AGRICULTURAL RESEARCH
AND DEVELOPEMENT CENTRE
THE OHIO STATE UNIVERSITY
WOOSTER, OHIO 44691

DISCIPLINARY COMPETENCIES
SOIL BIOCHEMISTRY
SOIL CHEMISTRY
WATER QUALITY

885 DOCHINGER, LEON S. 614/369-4471
PROJECT LEADER
U.S.D.A. FOREST SERVICE
P.O.BOX 365
DELAWARE, OHIO 43015

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY

886 DUGAN, PATRICK R. 614/422-4793
DEAN, COLLEGE OF BIOLOGICAL SCIENCES
PROFESSOR, DEPT. OF MICROBIOLOGY
THE OHIO STATE UNIVERSITY
424 WEST 12TH AVENUE
COLUMBUS, OHIO 43210

DISCIPLINARY COMPETENCIES
MICROBIOLOGY
ENVIRONMENTAL SCIENCE
BIOCHEMICAL ECOLOGY

887 GARRETT, PATRICK 513/475-4651
PROFESSOR AND CHAIRMAN
ELECTRICAL ENGINEERING TECHNOLOGY
UNIVERSITY OF CINCINNATI
CINCINNATI, OHIO 45221

DISCIPLINARY COMPETENCIES
AUTOMATIC CONTROL
MEASUREMENT INSTRUMENTATION

888 JENSEN, KEITH F. 614/369-4471
PLANT PHYSIOLOGIST
USDA, FOREST SERVICE
359 MAIN ROAD
DELAWARE, OHIO 43015

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY

889 KRAUSE, CHARLES R. 614/363-1129
RESEARCH PLANT PATHOLOGIST
USDA, ARS NURSERY CROPS RESEARCH SERVICE
359 MAIN ROAD
DELAWARE, OHIO 43015

DISCIPLINARY COMPETENCIES
ABIOTIC DISEASE DIAGNOSIS
LIGHT MICROSCOPY
SCANNING ELECTRON MICROSCOPY

890 KUMAR, ASHOK 419/537-2640
ASSISTANT PROFESSOR
UNIVERSITY OF TOLEDO
TOLEDO, OHIO 43606

DISCIPLINARY COMPETENCIES
ANALYSIS OF FIELD DATA
DISPERSION MODELING
EMISSION INVENTORY

891 LOGSDON, GARY S. 513/851-1000
RESEARCH SANITARY ENGINEER
DRINKING WATER RESEARCH DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY
26 WEST ST. CLAIR STREET
CINCINNATI, OHIO 45268

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL ENGINEERING
WATER TREATMENT

892 MCCLENAHEN, JAMES R. 216/264-1021
ASSOC. PROFESSOR OF FORESTRY
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER
MADISON HILL
WOOSTER, OHIO 44691

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
AIR POLLUTANT EFFECTS ON VEGETATION

893 MORRIS, THOMAS KEITH 513/872-5780
RESEARCH ASSISTANT
DEPARTMENT OF ENVIRONMENTAL HEALTH,
KETTERING LABORATORY
UNIV. CINCINNATI COLLEGE OF MEDICINE
3223 EDEN AVENUE, ML 56
CINCINNATI, OHIO 45267

DISCIPLINARY COMPETENCIES
BIOLOGY
CHEMISTRY

894 NIELSEN, DAVID G. 216/264-2540
PROFESSOR
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER
WOOSTER, OHIO 44691

DISCIPLINARY COMPETENCIES
PLANT SCIENCE

895 NOBLE, REGINALD D. 419/372-2332
PROFESSOR AND CHAIR
DEPARTMENT OF BIOLOGICAL SCIENCES
BOWLING GREEN STATE UNIVERSITY
BOWLING GREEN, OHIO 43403

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY-PHOTOSYNTHESIS
PLANT ULTRASTRUCTURE, GROWTH AND DEVELOPMENT

896 OXLEY, JOSEPH H. 614/424-7885
PROGRAM MANAGER
BATTELLE-COLUMBUS LABORATORIES
505 KING AVENUE
COLUMBUS, OHIO 43201

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING

897 PATTON, ROY L. 614/369-4471
RESEARCH PLANT PATHOLOGIST
USDA-FOREST SERVICE, NORTHEASTERN
FOREST EXPERIMENT STATION
359 MAIN ROAD
DELAWARE, OHIO 43015

DISCIPLINARY COMPETENCIES
PATHOLOGY
PHYSIOLOGY OF PLANTS

898 ROSENBERG, HARVEY S. 614/424-5010
SENIOR RESEARCH ENGINEER
BATTELLE COLUMBUS LABORATORIES
505 KING AVENUE
COLUMBUS, OHIO 43201

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING
EMISSIONS CONTROL

899 ROSS, WILLIAM D. 513/268-3411
SENIOR RESEARCH SPECIALIST EXT. 350
MONSANTO RESEARCH CORPORATION
1515 NICHOLAS ROAD
DAYTON, OHIO 45418

DISCIPLINARY COMPETENCIES
SAMPLING AND ANALYSIS FOR NITRIC
ACID IN AMBIENT AIR

900 SCHIER, GEORGE A. 614/369-4471
PLANT PHYSIOLOGIST
USDA-FOREST SERVICE, NORTHEASTERN
FOREST EXPERIMENT STATION
359 MAIN ROAD
DELAWARE, OHIO 43015

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
FOREST SOILS
METAL TOXICITY
PLANT PHYSIOLOGY

901 SELIGA, THOMAS A. 614/422-0764
DIRECTOR, ATMOSPHERIC SCIENCES PROGRAM
THE OHIO STATE UNIVERSITY
2015 NEIL AVENUE
COLUMBUS, OHIO 43210

DISCIPLINARY COMPETENCIES
AIR POLLUTION MODELING
MEASUREMENT OF RAINFALL
STORM CHARACTERIZATION BY RADER

902 SPICER, CHESTER W. 614/424-5319
RESEARCH LEADER
BATTELLE, COLUMBUS LABORATORIES
505 KING AVENUE
COLUMBUS, OHIO 43201

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
ANALYTICAL CHEMISTRY
KINETICS
AIRBORNE AND GROUND-LEVEL MONITORING
COMPUTER MODELING

903 STICKSEL, PHILIP R. 614/424-4757
RESEARCH METEOROLOGIST
BATTELLE COLUMBUS LABORATORIES
505 KING AVENUE
COLUMBUS, OHIO 43201

DISCIPLINARY COMPETENCIES
CLIMATOLOGY
TRAJECTORY ANALYSIS
DISPERSION MODELING
DEPOSITION

904 SZABO, MICHAEL F. 513/782-4700
ENVIRONMENTAL ENGINEER-GROUP SUPERVISOR
PEDCO ENVIRONMENTAL, INC.
11499 CHESTER ROAD
CINCINNATI, OHIO 45246

DISCIPLINARY COMPETENCIES
UTILITY AND INDUSTRIAL SO2 AND
PARTICULATE CONTROL TECHNOLOGIES
ENVIRONMENTAL ENGINEERING

905 TUOVINEN, OLLI H. 614/422-3379
ASSOCIATE PROFESSOR OF MICROBIOLOGY
DEPARTMENT OF MICROBIOLOGY
THE OHIO STATE UNIVERSITY
484 WEST 12TH AVENUE
COLUMBUS, OHIO 43210

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL MICROBIOLOGY

906 WATSON, MAURICE E. 216/264-1139
ASSOCIATE PROFESSOR
OHIO AGRICULTURAL RESEARCH
AND DEVELOPMENT CENTRE
THE OHIO STATE UNIVERSITY
WOOSTER, OHIO 44691

DISCIPLINARY COMPETENCIES
ANALYSIS OF SOIL AND PLANT TISSUE

907 WEIDENSAUL, T. CRAIG 216/264-1021
DIRECTOR, LAB. FOR ENVIRON. STUDIES
PROFESSOR, PLANT PATHOLOGY & FORESTRY
OHIO AGRICULTURAL RESEARCH AND
DEVELOPMENT CENTER
WOOSTER, OHIO 44691

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY
FORESTRY
SOILS

## OKLAHOMA

908 CANTER, L. W. 405/325-5202
PROFESSOR OF CIVIL ENGINEERING AND
ENVIRONMENTAL SCIENCE
UNIVERSITY OF OKLAHOMA
NATIONAL CENTER FOR GROUNDWATER RESEARCH
202 W. BOYD
NORMAN, OKLAHOMA 73019

DISCIPLINARY COMPETENCIES
SANITARY ENGINEERING
GROUND WATER HYDROLOGY
CHEMISTRY
BIOLOGY
ENVIRONMENTAL IMPACT ASSESSMENT

## OREGON

909 ADAMS, PAUL W. 503/754-3527
ASSISTANT PROFESSOR
DEPARTMENT OF FOREST ENGINEERING
OREGON STATE UNIVERSITY
259 PEAVY HALL
CORVALLIS, OREGON 97331

DISCIPLINARY COMPETENCIES
FOREST SOIL SCIENCE
WATERSHED MANAGEMENT

910 BOYLE, JAMES R. 503/754-4957
PROFESSOR AND HEAD
DEPARTMENT OF FOREST MANAGEMENT
SCHOOL OF FORESTRY
OREGON STATE UNIVERSITY
CORVALLIS, OREGON 97331

DISCIPLINARY COMPETENCIES
BIOGEOCHEMISTRY
FOREST ECOLOGY
FOREST SOILS

911 CHURCH, MARSHALL ROBBINS 503/757-4800
STAFF SCIENTIST/LIMNOLOGIST
CORVALLIS ENVIRONMENTAL RESEARCH LAB.
U.S. ENVIRONMENTAL PROTECTION AGENCY
200 SW 35TH STREET
CORVALLIS, OREGON 97333

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
AQUATIC ECOLOGY
WATER QUALITY MODELLING

912 COHEN, CYNTHIA J. 503/754-2821
RESEARCH ASSISTANT
CROP SCIENCE DEPARTMENT
OREGON STATE UNIVERSITY
CORVALLIS, OREGON 97331

DISCIPLINARY COMPETENCIES
CROP PHYSIOLOGY

913 CURTIS, LAWRENCE R. 503/754-3503
ASSISTANT PROFESSOR
DEPARTMENT OF FISHERIES AND WILDLIFE
OREGON STATE UNIVERSITY
CORVALLIS, OREGON 97331

DISCIPLINARY COMPETENCIES
TOXICOLOGY

914 FREDRIKSEN, R. L. 503/757-4313
RESEARCH SOIL SCIENTIST
FORESTRY SCIENCES LABORATORY
PACIFIC NORTHWEST FOREST AND
RANGE EXPERIMENT STATION
3200 JEFFERSON WAY
CORVALLIS, OREGON 97331

DISCIPLINARY COMPETENCIES
FORESTRY SCIENCE
PLANT ECOLOGY
SOIL SCIENCE

915 HOGSETT, WILLIAM E. 503/757-4632
PLANT PHYSIOLOGIST
EPA/CERL
200 SW 35TH
CORVALLIS, OREGON 97330

DISCIPLINARY COMPETENCIES
PLANT BIOCHEMISTRY AND PHYSIOLOGY
GASEOUS POLLUTANT EFFECTS ON PLANTS

916 KATEN, PAUL C. 503/754-4900
RESEARCH ASSOCIATE
DEPARTMENT OF ATMOSPHERIC SCIENCES
OREGON STATE UNIVERSITY, P.O. BOX 2209
CORVALLIS, OREGON 97331

DISCIPLINARY COMPETENCIES
ATMOS. TURBULENCE AND DIFFUSION
DRY DEPOSITION OF ATMOSPHERIC
AEROSOL PARTICLES

917 LACKEY, ROBERT T. 503/757-4806
SENIOR ECOLOGIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
200 SW 35TH STREET
CORVALLIS, OREGON 97333

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY

918 LEE, JEFFREY J. 503/757-4758
RESEARCH ENVIRONMENTAL SCIENTIST
US ENVIRONMENTAL PROTECTION AGENCY
CORVALLIS ENVIRONMENTAL RESEARCH LAB
200 SW 35 STREET
CORVALLIS, OREGON 97333

DISCIPLINARY COMPETENCIES
EFFECTS ON AGRICULTURAL CROPS
FORESTRY
BIOCHEMICAL CYCLING
SOIL SCIENCE

919 MCKEE, ARTHUR 503/822-3914
OREGON STATE UNIVERSITY
ANDREWS EXPERIMENTAL FOREST, PO BOX 300
BLUE RIVER, OREGON 97413

DISCIPLINARY COMPETENCIES
COMMUNITY ECOLOGY
POPULATION BIOLOGY
RIPARIAN VEGETATION DYNAMICS

920 MOSS, DALE N. 503/754-2821
CROP SCIENCE DEPARTMENT HEAD
OREGON STATE UNIVERSITY
CORVALLIS, OREGON 97331

DISCIPLINARY COMPETENCIES
CROP PHYSIOLOGY

921 NEELY, GRADY E. 503/757-4638
RESEARCH AGRONOMIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
200 SW 35TH STREET
CORVALLIS, OREGON 97330

DISCIPLINARY COMPETENCIES
EFFECTS OF ACID RAIN ON AGRICULTURAL CROPS AND SOILS

922 NORRIS, LOGAN A. 503/752-6014
CHIEF RESEARCH CHEMIST, PROJECT LEADER
USDA FOREST SERVICE, PACIFIC NORTHWEST
FOREST AND RANGE EXPERIMENT STATION
3200 JEFFERSON WAY
CORVALLIS, OREGON 97331

DISCIPLINARY COMPETENCIES
CHEMISTRY
RESEARCH ADMINISTRATION

923 OMERNIK, JAMES M. 503/757-4613
GEOGRAPHER
CORVALLIS ENVIRONMENTAL RESEARCH LAB.
U.S. ENVIRONMENTAL PROTECTION AGENCY
200 SW 35TH STREET
CORVALLIS, OREGON 97333

DISCIPLINARY COMPETENCIES
CARTOGRAPHY
GEOGRAPHY

924 PANKOW, JAMES F. 503/645-1121
ASSOCIATE PROFESSOR
OREGON GRADUATE CENTER
19600 NW WALKER ROAD
BEAVERTON, OREGON 97006

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL ANALYTICAL CHEMISTRY (TRACE)
GAS CHROMATOGRAPHY/MASS SPECTROMETRY /DATA SYSTEM

925 PERRIGAN, SHELL 503/754-2821
RESEARCH ASSISTANT
CROP SCIENCE DEPARTMENT
OREGON STATE UNIVERSITY
CORVALLIS, OREGON 97331

DISCIPLINARY COMPETENCIES
FARM MANAGEMENT

926 POWERS, CHARLES F. 503/757-4684
RESEARCH BIOLOGIST
U.S. ENVIRONMENTAL PROTECTION AGENCY
CORVALLIS ENVIRONMENTAL RESEARCH LAB.
200 S.W. 35TH ST.
CORVALLIS, OREGON 97333

DISCIPLINARY COMPETENCIES
LIMNOLOGY
AQUATIC BIOLOGY

927 RAMBO, DANNY L. 503/757-4695
SCIENTIST
NORTHROP SERVICES, INC
U.S. ENVIRONMENTAL PROTECTION AGENCY
CORVALLIS RESEARCH LAB/ 200 SW 35TH ST
CORVALLIS, OREGON 97333

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY
CRYPTOGAMIC BOTANY
INFORMATION SYSTEMS

928 SCHRECK, CARL B. 503/754-4531
LEADER
OREGON COOPERATIVE FISHERY RESEARCH UNIT
DEPARTMENT OF FISHERIES AND WILDLIFE
OREGON STATE UNIVERSITY
104 NASH HALL
CORVALLIS, OREGON 97331

DISCIPLINARY COMPETENCIES
FISHERY BIOLOGY
FISH PHYSIOLOGY

929 SEIM, WAYNE K. 503/754-3503
SENIOR INSTRUCTOR IN FISHERIES
DEPARTMENT OF FISHERIES AND WILDLIFE
OREGON STATE UNIVERSITY
CORVALLIS, OREGON 97331

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY

930 WEINER, GARY S. 503/754-4531
GRADUATE RESEARCH ASSISTANT
OREGON COOPERATIVE FISHERY RESEARCH UNIT
DEPARTMENT OF FISHERIES AND WILDLIFE
OREGON STATE UNIVERSITY
104 NASH HALL
CORVALLIS, OREGON 97331

DISCIPLINARY COMPETENCIES
FISHERY BIOLOGY
WATER POLLUTION BIOLOGY

931 WILHOUR, RAYMOND G. 503/757-4634
CHIEF, AIR POLLUTION EFFECTS BRANCH
U.S. ENVIRONMENTAL PROTECTION AGENCY
200 SW 35TH STREET
CORVALLIS, OREGON 97333

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS

## PENNSYLVANIA

932 ARNOLD, DEAN E. 814/865-4511
UNIT CO-LEADER AND ASSISTANT PROF
PENNSYLVANIA COOPERATIVE FISH AND WILDLI
RESEARCH UNIT
FERGUSON BLDG
PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY PARK, PA 16802

DISCIPLINARY COMPETENCIES
LIMNOLOGY
FISHERY BIOLOGY
AQUATIC ECOLOGY

933 AUCHMOODY, L. R. 814/563-7587
RESEARCH FOREST SOILS SPECIALIST
NORTHEASTERN FOREST EXPERIMENT STATION
P.O. BOX 928
WARREN, PENNSYLVANIA 16365

DISCIPLINARY COMPETENCIES
FOREST NUTRITION
FOREST SOIL FERTILITY
FOREST SITE EVALUATION

934 BOYER, JAMES F., JR. 412/327-1600
DIRECTOR, MEMBERSHIP SERVICES
BITUMINOUS COAL RESEARCH, INC.
350 HOCHBERG ROAD
MONROEVILLE, PENNSYLVANIA 15146

DISCIPLINARY COMPETENCIES
AIR/WATER POLLUTION CONTROL

935 CASTLEMAN, A. WELFORD JR 814/865-7242
PROFESSOR OF CHEMISTRY
DEPARTMENT OF CHEMISTRY
PENNSYLVANIA STATE UNIVERSITY
152 DAVEY LABORATORY
UNIVERSITY PARK, PENNSYLVANIA 16802

DISCIPLINARY COMPETENCIES
CHEMICAL PHYSICS

936 CORBETT, EDWARD S. 814/863-1933
PRINCIPAL HYDROLOGIST
U.S. FOREST SERVICE,
NORTHEASTERN FOREST EXPERIMENT STATION
104 ACADEMIC PROJECTS BUILDING
UNIVERSITY PARK, PENNSYLVANIA 16802

DISCIPLINARY COMPETENCIES
HYDROLOGIC ANALYSIS
MUNICIPAL WATERSHED MANAGEMENT
WATER QUALITY

937 DAVIDSON, CLIFF I. 412/578-2951
ASSISTANT PROFESSOR OF CIVIL ENGINEERING
AND PUBLIC POLICY
CARNEGIE-MELLON UNIVERSITY
PITTSBURGH, PENNSYLVANIA 15213

DISCIPLINARY COMPETENCIES
AIRBORNE SIZE DISTRIBUTIONS OF TRACE
ELEMENTS
INCORPORATION OF AEROSOLS INTO SNOW

938 DE PENA, ROSA G. 814/865-3526
PROFESSOR OF METEOROLOGY
DEPARTMENT OF METEOROLOGY
THE PENNSYLVANIA STATE UNIVERSITY
516 WALKER BUILDING
UNIVERSITY PARK, PENNSYLVANIA 16802

DISCIPLINARY COMPETENCIES
METEOROLOGY
MONITORING/FIELD MEASUREMENTS

939 DEWALLE, DAVID R. 814/863-0291
PROFESSOR OF FOREST HYDROLOGY
THE PENNSYLVANIA STATE UNIVERSITY
106 LAND AND WATER RES. BLDG.
UNIVERSITY PARK, PENNSYLVANIA 16802

DISCIPLINARY COMPETENCIES
SNOW HYDROLOGY
FOREST HYDROLOGY
FOREST MICROCLIMATOLOGY

940 DUGAN, NEIL 215/288-5177
CHEMIST SUPERVISOR
CITY OF PHILADELPHIA,
AIR MANAGEMENT SERVICES LABORATORY
1501 E. LYCOMING STREET
PHILADELPHIA, PENNSYLVANIA 19124

DISCIPLINARY COMPETENCIES
DESIGN OF RAIN INCREMENTAL
SAMPLING DEVICE

941 FORD, CHARLES T. 412/327-1600
GROUP MANAGER, TECHNICAL SUPPORT SERVICE
BITUMINOUS COAL RESEARCH, INC.
350 HOCHBERG ROAD
MONROEVILLE, PENNSYLVANIA 15146

DISCIPLINARY COMPETENCIES
AIR/WATER POLLUTION CONTROL

942 FRIEND, JAMES P. 215/895-2666
R.S. HANSON PROF. OF ATMOS. CHEMISTRY
DREXEL UNIVERSITY
PHILADELPHIA, PENNSYLVANIA 19104

DISCIPLINARY COMPETENCIES
SULFUR GASES
CHEMISTRY AND TRANSPORT
AEROSOL FORMATION
STRATOSPHERIC CHEMISTRY
GLOBAL SULFUR CYCLE

943 HALTERMAN, STEVEN G. 215/299-1080
AQUATIC BIOLOGIST
ACADEMY OF NATURAL SCIENCES
OF PHILADELPHIA
DIVISION OF ENVIRONMENTAL RESEARCH
19TH AND THE PARKWAY
PHILADELPHIA, PENNSYLVANIA 19103

DISCIPLINARY COMPETENCIES
LIMNOLOGY

944 HALVERSON, HOWARD G. 814/863-1933
SUPERVISORY RESEARCH FORESTER
USDA FOREST SERVICE
104 ACADEMIC PROJECTS BUILDING
UNIVERSITY PARK, PENNSYLVANIA 16802

DISCIPLINARY COMPETENCIES
HYDROLOGY
FORESTRY
SOILS

945 HAVENS, J. WICK 717/784-4310
CHIEF, AIR RESOURCE ANALYSIS SECTION
BUREAU OF AIR QUALITY CONTROL
COMMONWEALTH OF PENNSYLVANIA
300 N. 3RD STREET
P.O. BOX 2063, FULTON BUILDING
HARRISBURG, PENNSYLVANIA 17120

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING
ENVIRONMENTAL ENGINEERING
CHAIRMAN PA DEPT OF ENVIRON
RES ACID RAIN TASK FORCE

946 JOHNSON, ARTHUR H. 215/243-4906
ASSOCIATE PROFESSOR (SOILS)
DEPARTMENT OF GEOLOGY D4
UNIVERSITY OF PENNSYLVANIA
PHILADELPHIA, PENNSYLVANIA 19104

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
SOIL CHEMISTRY
TREE RING ANALYSIS

947 KERCH, RICHARD L. 412/831-4527
AIR QUALITY SCIENTIST
CONSOLIDATION COAL COMPANY
1800 WASHINGTON ROAD
PITTSBURGH, PENNSYLVANIA 15241

DISCIPLINARY COMPETENCIES
POLICY AND REGULATORY OPTIONS

948 KREITZBERG, CARL W.
PROFESSOR OF PHYSICS AND ATMOS SCI
DREXEL UNIVERSITY
PHILADELPHIA, PENNSYLVANIA 19104

DISCIPLINARY COMPETENCIES
METEOROLOGY
MODELING
NUMERICAL WEATHER PREDICTION

949 LIGHT, ROBERT WILLIAM 814/865-6592
GRADUATE PROGRAM IN ECOLOGY
THE PENNSYLVANIA STATE UNIVERSITY
208 MUELLER LABORATORY
UNIVERSITY PARK, PENNSYLVANIA 16802

DISCIPLINARY COMPETENCIES
BROOK TROUT FECUNDITY
FISH PRODUCTION
INVERTEBRATE ECOLOGY
WATER CHEMISTRY ANALYSIS

950 LYNCH, JAMES A. 814/865-8830
ASSOC. PROFESSOR OF FOREST HYDROLOGY
THE PENNSYLVANIA STATE UNIVERSITY
311 FOREST RESOURCES LAB.
UNIVERSITY PARK, PENNSYLVANIA 16801

DISCIPLINARY COMPETENCIES
FOREST HYDROLOGY
WATERSHED MANAGEMENT
WATER QUALITY

951 MARQUIS, DAVID A. 814/563-7587
PROJECT LEADER
NORTHEASTERN FOREST EXPERIMENT STATION
P.O. BOX 928
WARREN, PENNSYLVANIA 16365

DISCIPLINARY COMPETENCIES
SILVICULTURE
FOREST ECOLOGY

952 PENNSYLVANIA ACID PRECIP 717/787-4310
MONITORING NETWORK
DEPT. OF ENVIRONMENTAL RESOURCES (DER)
BUREAU OF AIR QUALITY CONTROL
P.O. BOX 2063, FULTON BUILDING, 18TH FL.
HARRISBURG, PENNSYLVANIA 17120

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

953 PIONKE, HARRY 814/238-4976
RESEARCH LEADER
NORTHEAST WATERSHED RESEARCH CENTER
PENNSYLVANIA STATE UNIVERSITY
110 RESEARCH BUILDING A
UNIVERSITY PARK, PENNSYLVANIA 16801

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY
WATER CHEMISTRY

954 SHARPE, WILLIAM E. 814/863-0291
ASSISTANT PROFESSOR
FOREST RESOURCES EXTENSION
PENNSYLVANIA STATE UNIVERSITY
134 LAND AND WATER RESEARCH BUILDING
UNIVERSITY PARK, PENNSYLVANIA 16802

DISCIPLINARY COMPETENCIES
FOREST HYDROLOGY
WATER QUALITY

955 SKELLY, JOHN M. 814/865-7448
HEAD, DEPARTMENT OF PLANT PATHOLOGY
PENNSYLVANIA STATE UNIVERSITY
212 A BUCKHORT LABORATORY
UNIVERSITY PARK, PENNSYLVANIA 16801

DISCIPLINARY COMPETENCIES
AIR POLLUTANT INTERACTION
EFFECTS ON PLANTS
FOREST TREES

956 SMALL, MITCHELL J. 412/578-8782
ASSISTANT PROFESSOR-CIVIL ENGINEERING/
PUBLIC POLICY
CIVIL ENGINEERING DEPARTMENT
CARNEGIE-MELLON UNIVERSITY
PITTSBURGH, PENNSYLVANIA 15217

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL ENGINEERING
MATHEMATICAL MODELING OF LRTAP
WATER QUALITY MODELING

## RHODE ISLAND

957 CRANDALL, DOUGLAS A. 217/782-3362
ENVIRONMENTAL PROTECTION SPECIALIST
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
2200 CHURCHILL ROAD
SPRINGFIELD, ILLINOIS 62706

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS
WATER RESOURCES MANAGEMENT

958 DUCE, ROBERT A. 401/791-6256
PROFESSOR
CENTER FOR ATMOSPHERIC CHEMISTRY STUDIES
GRADUATE SCHOOL OF OCEANOGRAPHY
UNIVERSITY OF RHODE ISLAND
KINGSTON, RHODE ISLAND 02881

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
MARINE CHEMISTRY

959 PSZENNY, ALEXANDER A. 401/792-6765
GRADUATE RESEARCH ASSISTANT
CENTER FOR ATMOSPHERIC CHEMISTRY STUDIES
GRADUATE SCHOOL OF OCEANOGRAPHY
UNIVERSITY OF RHODE ISLAND, BOX 1197
NARRAGANSETT, RHODE ISLAND 02882

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
CHEMICAL OCEANOGRAPHY

960 RAHN, KENNETH A. 401/792-6261
ASSOCIATE RESEARCH PROFESSOR
GRADUATE SCHOOL OF OCEANOGRAPHY
UNIVERSITY OF RHODE ISLAND
KINGSTON, RHODE ISLAND 02881

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
METEOROLOGY

## SOUTH CAROLINA

961 DELUMYEA, R. DEL 803/656-2339
ASSISTANT PROFESSOR OF CHEMISTRY
CLEMSON UNIVERSITY
BRACKETT HALL
CLEMSON, SOUTH CAROLINA 29631

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
FIELD SAMPLING AND ANALYSIS
MODELLING

962 ELZERMAN, ALAN W. 803/656-3276
ASSOCIATE PROFESSOR
ENVIRONMENTAL SYSTEMS ENGINEERING
CLEMSON UNIVERSITY
401 RHODES
CLEMSON, SOUTH CAROLINA 29631

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
ENVIRONMENTAL CHEMISTRY

963 GOIDELL, LEWIS C. 803/725-3966
ENVIRONMENTAL SCIENTIST
U.S. DEPARTMENT OF ENERGY
SAVANNAH RIVER OPERATIONS OFFICE
P.O. BOX A
AIKEN, SOUTH CAROLINA 29801

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SCIENCE

964 GRIGGS, JAMES MICHAEL 803/656-3104
NADP OBSERVER
CLEMSON UNIVERSITY
AGRONOMY AND SOILS DEPARTMENT
CLEMSON UNIVERSITY
CLEMSON, SOUTH CAROLINA 29631

DISCIPLINARY COMPETENCIES
BOTANY
SOIL SCIENCE

965 HODGES, STEVEN C. 803/656-3102
ASSISTANT PROFESSOR SOIL CHEMISTRY
AGRONOMY AND SOILS DEPARTMENT
CLEMSON UNIVERSITY
CLEMSON, SOUTH CAROLINA 29631

DISCIPLINARY COMPETENCIES
SOIL MINERALOGY, CHEMISTRY,
AND CLASSIFICATION

966 JONES, ULYSSES S. 803/656-3102
PROFESSOR OF AGRONOMY AND SOILS
CLEMSON UNIVERSITY
277 P AND A S BUILDING
CLEMSON, SOUTH CAROLINA 29631

DISCIPLINARY COMPETENCIES
ATOMS CHEM, TRANSPORT AND DEPOSITION
SOIL CHEMISTRY
SOIL FERTILITY

967 MURPHY, CHARLES E. 803/725-3497
STAFF METEOROLOGIST
E.I. DU PONT DE NEMOURS & CO., INC.
SAVANNAH RIVER LABORATORY
AIKEN, SOUTH CAROLINA 29807

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
MODELING

968 SCHUBERT, JAMES F. 803/725-3280
STAFF METEOROLOGIST
ENVIRONMENTAL TRANSPORT DIVISION
SAVANNAH RIVER LABORATORY 773-1013 A
AIKEN, SOUTH CAROLINA 29808

DISCIPLINARY COMPETENCIES
INSTRUMENTATION (ELECTRONICS)
MICROMETEOROLOGY

969 TISUE, THOMAS 803/656-2339
ASSOCIATE PROFESSOR
DEPARTMENT OF CHEMISTRY AND GEOLOGY
CLEMSON UNIVERSITY
CLEMSON, SOUTH CAROLINA 29631

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
ORGANIC CHEMISTRY

## SOUTH DAKOTA

970 KALLEMEYN, VONNI C. 605/773-3329
NATURAL RESOURCES SPECIALIST
OFFICE OF AIR QUALITY AND SOLID WASTE
DEPARTMENT OF WATER AND NATURAL RESOURCE
ROOM 217, FOSS BUILDING
PIERRE, SOUTH DAKOTA 57501

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

971 LYTLE, WILLIAM F. 605/688-5141
CLIMATOLOGIST
AGRICULTURAL ENGINEERING DEPARTMENT
SOUTH DAKOTA STATE UNIVERSITY
BOX 2120
BROOKINGS, SOUTH DAKOTA 57007

DISCIPLINARY COMPETENCIES
AGRICULTURAL ENGINEERING
CLIMATOLOGY, METEOROLOGY
HYDROLOGY

## TENNESSEE

972 AUERBACH, STANLEY I. 615/574-7301
DIRECTOR, ENVIRONMENTAL SCIENCES DIV.
OAK RIDGE NATIONAL LABORATORY
P.O. BOX X
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
ECOLOGY
ECOSYSTEM ANALYSIS

973 BETSON, ROGER P. 615/632-4460
CIVIL ENGINEER-HYDROLOGIST
TENNESSEE VALLEY AUTHORITY
P.O. DRAWER E
NORRIS, TENNESSEE 37828

DISCIPLINARY COMPETENCIES
SURFACE AND GROUND WATER MODELING
WATERSHED/BASIN HYDROLOGY

974 BREWER, PATRICIA F. 615/751-5680
BIOLOGIST
TENNESSEE VALLEY AUTHORITY,
OFFICE OF POWER
1110 CHESTNUT STREET TOWER II
CHATTANOOGA, TENNESSEE 37415

DISCIPLINARY COMPETENCIES
AGRICULTURAL CROPS
NATURAL FOREST ECOSYSTEMS
PLANT PATHOLOGY

975 CATON, GLORIA
OAK RIDGE NATIONAL LABORATORY
P.O. BOX X, BUILDING 2001
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
ACID RAIN INVENTORY

976 FARRELL, MICHAEL P. 615/574-7840
RESEARCH STAFF MEMBER
OAK RIDGE NATIONAL LABORATORY
P.O. BOX X, BUILDING 1505/MS 2
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
AQUATIC/TERRESTRIAL EFFECTS
RESEARCH DATA MANAGEMENT
STATISTICAL MODELS

977 GEHRS, CARL W. 615/574-7359
MANAGER, ADVANCED FOSSIL ENERGY PROGRAM
ENVIRONMENTAL SCIENCES DIVISION
OAK RIDGE NATIONAL LABORATORY
P.O. BOX X
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
ECOLOGY

978 HICKS, BRUCE B. 615/576-1233
DIRECTOR
NOAA, ATMOSPHERIC TURBULENCE AND
DIFFUSION LABORATORY
P.O. BOX E
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
DEPOSITION
METEOROLOGY

979 HILDEBRAND, STEPHEN G. 615/574-7329
MANAGER, ENVIRONMENTAL IMPACTS PROGRAM
ENVIRONMENTAL SCIENCES DIVISION
OAK RIDGE NATIONAL LABORATORY
P.O. BOX X
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS ASSESSMENT

980 HOLLINDEN, GERALD A. 615/751-3584
CHIEF, PROCESS ENGINEERING BRANCH
TENNESSEE VALLEY AUTHORITY
1130 CHESTNUT STREET TOWERS II
CHATTANOOGA, TENNESSEE 37401

DISCIPLINARY COMPETENCIES
GASEOUS EMISSION CONTROLS
ENVIRONMENTAL ASSESSMENT AND SUPPORT
DATA ANALYSIS
MATHEMATICAL MODELING

981 HUTCHISON, BOYD A. 615/576-1250
ECOLOGIST-METEOROLOGIST
ATMOS. TURBULENCE AND DIFFUSION LAB.
P.O. BOX E
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
FOREST METEOROLOGY

982 IWANSKI, MYRON L. 615/632-2391
ENVIRONMENTAL SCIENTIST/ENGINEER
TENNESSEE VALLEY AUTHORITY
128 LOCUST STREET BUILDING
KNOXVILLE, TENNESSEE 37902

DISCIPLINARY COMPETENCIES
AQUATIC EFFECTS
ENVIRONMENTAL ENGINEERING
WATER RESOURCES MODELLING

983 JOHNSON, DALE W. 615/574-7362
RESEARCH STAFF MEMBER
ENVIRONMENTAL SCIENCES DIVISION
OAK RIDGE NATIONAL LABORATORY
P.O. BOX X
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
FOREST NUTRIENT CYCLING
FOREST SOILS

984 JOHNSTON, J.W. 615/574-7377
PROJECTS MANAGER
OAK RIDGE NATIONAL LABORATORY
ENVIRONMENTAL SCIENCES DIVISION
BUILDING 1506
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
PLANT PATHOLOGY

985 KELLY, J.M. 615/574-7815
PROJECTS MANAGER
TENNESSEE VALLEY AUTHORITY
OFFICE OF NATURAL RESOURCES, AIR
RESOURCES PROGRAM
TVA/ORNL WATERSHED STUDY PROJECT,
BUILDING 1505, OAK RIDGE NATIONAL LAB
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
SOIL SCIENCE

986 KRUMMEL, JOHN R. 615/574-7339
RESEARCH ECOLOGIST
ENVIRONMENTAL SCIENCES DIVISION
OAK RIDGE NATIONAL LABORATORY
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
REGIONAL AND LANDSCAPE ANALYSIS

987 LIETZKE, DAVID A. 615/974-7101
ASSOCIATE PROFESSOR
DEPARTMENT OF PLANT AND SOIL SCIENCE
P.O. BOX 1071
KNOXVILLE, TENNESSEE 37901

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY
SOIL GENESIS AND FORMATION
SOIL MINERALOGY
SOIL WEATHERING PROCESSES

988 LINDBERG, S. E. 615/574-7857
GEOCHEMIST
ENVIRONMENTAL SCIENCES DIVISION
OAK RIDGE NATIONAL LABORATORY
P.O. BOX X
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL CHEMISTRY
TRACE METALS

989 LOVETT, GARY M. 615/576-5546
RESEARCH ASSOCIATE
ENVIRONMENTAL SCIENCES DIVISION
OAK RIDGE NATIONAL LABORATORY
P.O. BOX X
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
BIOGEOCHEMISTRY
MICROMETEOROLOGY
PLANT ECOLOGY

990 LUXMOORE, R. J. 615/574-7357
SOIL AND PLANT SCIENTIST
OAK RIDGE NATIONAL LABORATORY
P.O. BOX X
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
SOIL PHYSICS

991 MATHEWS, RAYMOND C., JR. 615/436-7120
RESEARCH BIOLOGIST
UPLANDS FIELD RESEARCH LABORATORY
GREAT SMOKY MOUNTAINS NATIONAL PARK,
TWIN CREEKS AREA
GATLINBURG, TENNESSEE 37738

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY
ENVIRONMENTAL TOXICOLOGY

992 MCCONATHY, RON 615/574-7353
RESEARCH ASSOCIATE
ENVIRONMENTAL SCIENCES DIVISION
OAK RIDGE NATIONAL LABORATORY
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
PLANT ECO-PHYSIOLOGY

993 MCLAUGHIN, SAMUEL B. 615/483-7358
RESEARCH STAFF MEMBER
ENVIRONMENTAL SCIENCES DIVISION
OAK RIDGE NATIONAL LABORATORY
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
PHYSIOLOGICAL PLANT ECOLOGY

994 NORBY, RICHARD J. 615/576-5261
RESEARCH ASSOCIATE
ENVIRONMENTAL SCIENCES DIVISION
OAK RIDGE NATIONAL LABORATORY
P.O. BOX X
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
STRESS PHYSIOLOGY

995 NUNGESSER, MARTHA K. 615/574-7849
RESEARCH ASSOCIATE
OAK RIDGE NATIONAL LABORATORY
ENVIRONMENTAL SCIENCES DIVISION
P.O. BOX X
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SCIENCES
LAND MANAGEMENT
REGIONAL ECOLOGY

996 O'NEILL, ROBERT V. 615/574-7846
SENIOR RESEARCH SCIENTIST
ENVIRONMENTAL SCIENCES DIVISION
OAK RIDGE NATIONAL LABORATORY
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
ECOSYSTEM THEORY
SYSTEMS ECOLOGY

997 OLEM, HARVEY 615/751-7322
ENVIRONMENTAL ENGINEER
TENNESSEE VALLEY AUTHORITY
248 401-BUILDING
CHATTANOOGA, TENNESSEE 37401

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL ENGINEERING
GEOCHEMISTRY
HYDROLOGY
WATER CHEMISTRY

998 OLSON, RICHARD J. 615/574-7819
RESEARCH STAFF MEMBER
OAK RIDGE NATIONAL LABORATORY
BUILDING 1505
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
INTEGRATED REGIONAL ENVIRONMENTAL
ASSESSMENTS AND ASSOCIATED DATA
BASE RESOURCES

999 POPPE, WAYNE L. 615/751-7333
PHYCOLOGIST/LIMNOLOGIST
TENNESSEE VALLEY AUTHORITY
ROOM 248, 401 BUILDING
CHATTANOOGA, TENNESSEE 37401

DISCIPLINARY COMPETENCIES
LIMNOLOGY
PHYCOLOGY

1000 RICHTER, DANIEL D. 615/576-4858
RESEARCH ASSOCIATE
ENVIRONMENTAL SCIENCES DIVISION
OAK RIDGE NATIONAL LABORATORY
BUILDING 1505
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
FOREST NUTRITION/PRODUCTIVITY
LAND-WATER INTERACTIONS
SOIL CHEMISTRY

1001 RUANE, RICHARD J. 615/751-7323
PROGRAM MANAGER,
SPECIAL PROJECTS AND RESEARCH
WATER QUALITY BRANCH
TENNESSEE VALLEY AUTHORITY
248 401-BUILDING
401 CHESTNUT STREET
CHATTANOOGA, TENNESSEE 37401

DISCIPLINARY COMPETENCIES
AQUATIC IMPACTS
ENVIRONMENTAL ENGINEER

1002 SHRINER, DAVID S. 615/574-7356
ECOLOGIST - PROJECT COORDINATOR
ENVIRONMENTAL SCIENCES DIVISION
OAK RIDGE NATIONAL LABORATORY
P.O. BOX X
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
PLANT PATHOLOGY
PHYSIOLOGICAL ECOLOGY
FORESTRY

1003 TAYLOR, FRED G. 615/574-7354
ECOLOGIST, OAK RIDGE NATL. LAB.
ENVIRONMENTAL SCIENCE DIVISION
BUILDING 1505, ROOM 366
OAK RIDGE, TENNESSEE 37830

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS
ENVIRONMENTAL EFFECTS

1004 WOLT, JEFFREY D. 615/974-7161
ASSISTANT PROF. OF PLANT/SOIL SCIENCE
DEPARTMENT PLANT AND SOIL SCIENCE
UNIVERSITY OF TENNESSEE
P.O. BOX 1071
KNOXVILLE, TENNESSEE 37901

DISCIPLINARY COMPETENCIES
PLANT NUTRITION
SOIL CHEMISTRY
SOIL FERTILITY

## TEXAS

1005 BROCK, J. R. 512/471-3348
PROFESSOR
CHEMICAL ENGINEERING DEPT.
UNIVERSITY OF TEXAS/ AUSTIN
AUSTIN, TEXAS 78712

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING
AEROSOL PHYSICS & CHEMISTRY

1006 CARL M. FLEMING 915/477-2251
RESOURCE MANAGEMENT SPECIALIST
NATIONAL PARK SERVICE
BIG BEND NATIONAL PARK, TEXAS 79834

DISCIPLINARY COMPETENCIES
FORESTRY
RESOURCE MANAGEMENT

1007 DATTNER, STUART L. 512/451-5711
ENVIRONMENTAL QUALITY SPECIALIST
TEXAS AIR CONTROL BOARD
6330 HIGHWAY 290 EAST
AUSTIN, TEXAS 78723

DISCIPLINARY COMPETENCIES
CHEMISTRY, PHYSICS,
ENGINEERING
GEOLOGY

1008 FONG, FRANKLIN 713/845-7311
ASSISTANT PROFESSOR OF PLANT SCIENCES
TEXAS A AND M UNIVERSITY
COLLEGE STATION, TEXAS 77843

DISCIPLINARY COMPETENCIES
BIOLOGICAL EFFECTS OF OZONE AND SO2
ON HIGHER PLANTS

1009 LILJESTRAND, HOWARD M. 512/471-5602
ASSISTANT PROFESSOR
UNIVERSITY OF TEXAS AT AUSTIN
CIVIL ENGINEERING 8.6ECT
AUSTIN, TEXAS 78712

DISCIPLINARY COMPETENCIES
AIR CHEMISTRY
AQUATIC CHEMISTRY

1010 MATTHEWS, RONALD DOUGLAS 512/471-4429
ASSISTANT PROFESSOR
UNIVERSITY OF TEXAS
175 TAYLOR HALL
AUSTIN, TEXAS 78712

DISCIPLINARY COMPETENCIES
COMBUSTION
COMBUSTION GENERATED AIR POLLUTION
AND CONTROL

1011 MIKSAD, RICHARD W. 512/471-5602
ASSOCIATE PROFESSOR
CIVIL ENGINEERING DEPARTMENT
UNIVERSITY OF TEXAS AT AUSTIN
BUILDING ECJ 8.214
AUSTIN, TEXAS 78712

DISCIPLINARY COMPETENCIES
DISPERSION MODELING

1012 ROCHELLE, GARY T. 512/471-7230
ASSISTANT PROFESSOR
DEPARTMENT OF CHEMICAL ENGINEERING
UNIVERSITY OF TEXAS AT AUSTIN
AUSTIN, TEXAS 78712

DISCIPLINARY COMPETENCIES
MASS TRANSFER
THERMODYNAMICS
AQUEOUS REACTION KINETICS
PROCESS ENGINEERING

1013 SPRINGER, KARL J. 512/684-5111
DIRECTOR, DEPT. OF EMISSIONS RESEARCH
SOUTHWEST RESEARCH INSTITUTE
6220 CULEBRA ROAD
SAN ANTONIO, TEXAS 78284

DISCIPLINARY COMPETENCIES
MECHANICAL ENGINEERING
PHYSICS
EMISSIONS

1014 URBAN, CHARLES M. 512/684-5111
SENIOR RESEARCH ENGINEER
DEPARTMENT OF EMISSIONS RESEARCH
SOUTHWEST RESEARCH INSTITUTE
P.O. DRAWER 28510
SAN ANTONIO, TEXAS 78284

DISCIPLINARY COMPETENCIES
EMISSION CONTROL
EMISSIONS FORMATION

1015 WILDING, LARRY P. 713/845-3604
PROFESSOR OF PEDOLOGY
SOIL AND CROP SCIENCES DEPARTMENT
TEXAS A AND M UNIVERSITY
COLLEGE STATION, TEXAS 77843

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY
SOIL MINERALOGY
SOIL SCIENCE

## UTAH

1016 MCNAUGHTON, DANIEL J. 801/261-5660
DIRECTOR OF AIR QUALITY MODELING
NORTH AMERICAN WEATHER CONSULTANTS
1141 EAST 3900 SOUTH, SUITE A230
SALT LAKE CITY, UTAH 84117

DISCIPLINARY COMPETENCIES
AIR QUALITY DATA ANALYSIS
EMISSIONS
PRECIPITATION CHEMISTRY
REGIONAL MODELING

1017 SPICER, LEONARD D. 801/581-7487
PROFESSOR OF CHEMISTRY
UNIVERSITY OF UTAH
SALT LAKE CITY, UTAH 84112

DISCIPLINARY COMPETENCIES
SO2 CHEMISTRY
ATMOSPHERIC PHOTOCHEMISTRY OF SULFUR OXIDES
LASER DETECTION METHODS FOR TRACE ANALYSIS

1018 TIEDEMANN, ARTHUR R. 801/377-5717
SUPERVISORY RANGE SCIENTIST
INTERMOUNTAIN FOREST AND RANGE EXP. STN.
SHRUB SCIENCES LAB, 735 N 500 E
PROVO, UTAH 84601

DISCIPLINARY COMPETENCIES
PRECIPITATION CHEMISTRY
THROUGFALL AND STEMFLOW IN PLANT COMMUNITIES

1019 TRESHOW, MICHAEL 801/581-7160
PROFESSOR OF BIOLOGY
UNIVERSITY OF UTAH
SALT LAKE CITY, UTAH 84112

DISCIPLINARY COMPETENCIES
AIR POLLUTION ECOLOGY

1020 WAGNER, WILLIAM 801/524-4033
AIR RESOURCE SPECIALIST
BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE, RESOURCES DIVISION
136 E SO. TEMPLE
SALT LAKE CITY, UTAH 84111

DISCIPLINARY COMPETENCIES
DIFFUSION MODELING AND TRANSPORT
ENVIRONMENTAL EFFECTS

1021 WOOLDRIDGE, GENE L. 801/750-2178
PROFESSOR OF BIOMETEOROLOGY
UTAH STATE UNIVERSITY, UMC 48
LOGAN, UTAH 84322

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CIRCULATION AND DISPERSION IN COMPLEX TERRAIN

## VERMONT

1022 BAKER, ANNE K. 802/658-1414
EXECUTIVE DIRECTOR
LAKE CHAMPLAIN COMMITTEE
14 SOUTH WILLIAMS STREET
BURLINGTON, VERMONT 05401

DISCIPLINARY COMPETENCIES
CITIZEN'S ACID RAIN MONITORING PROG

1023 BARTLETT, RICMOND J. 802/656-2630
PROFESSOR OF SOILS
DEPARTMENT OF PLANT AND SOIL SCIENCE, HILLS BUILDING
UNIVERSITY OF VERMONT
BURLINGTON, VERMONT 05405

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY

1024 BUTLER, LEROY C. 802/485-5011
ASSOC PROFESSOR OF CHEMISTRY EXT 245
NORWICH UNIVERSITY
NORTHFIELD, VERMONT 05663

DISCIPLINARY COMPETENCIES
ORGANIC, ANALYTICAL CHEMISTRY

1025 CLEVELAND, MARK H.
FOREST HYDROLOGIST
GREEN MOUNTAIN NATIONAL FOREST
P.O. BOX 519
RUTLAND, VERMONT 05701

DISCIPLINARY COMPETENCIES
CHEMICAL CHARACTERISTICS OF NATURAL WATERS

1026 GREGORY, ROBERT A. 802/951-6771
RESEARCH PLANT PHYSIOLOGIST
NORTHEASTERN FOREST EXPERIMENT STATION
705 SPEAR ST., P.O. BOX 968
BURLINGTON, VERMONT 05402

DISCIPLINARY COMPETENCIES
ANATOMY AND PHYSIOLOGY- FOREST TREES

1027 HEMENWAY, DAVID R. 802/656-3800
ASSOCIATE PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
AND MECHANICAL ENGINEERING
ROOM 223 VOTEY
UNIVERSITY OF VERMONT
BURLINGTON, VERMONT 05405

DISCIPLINARY COMPETENCIES
HEAVY METALS
ANALYTICAL CHEMISTRY

1028 KLEIN, RICHARD 802/656-2930
PROFESSOR OF BOTANY
UNIVERSITY OF VERMONT
BURLINGTON, VERMONT 05405

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
GROWTH AND DEVELOPMENT

1029 MCLEAN, WALLACE 802/828-2761
CHIEF, MONITORING AND SURVEILLANCE,
WATER QUALITY DIVISION
DEPT. WATER RESOURCES AND ENVIRON. ENG.
STATE OFFICE BUILDING
MONTPELIER, VERMONT 05602

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY
AQUATIC CHEMISTRY
MONITORING AND FIELD MEASUREMENTS

1030 POIROT, RICHARD 802/828-3395
AIR QUALITY PLANNER
STATE OF VERMONT AIR PROGRAM
STATE OFFICE BUILDING
MONTPELIER, VERMONT 05602

DISCIPLINARY COMPETENCIES
STATISTICAL ASSESSMENT OF AIR
QUALITY DATA

1031 SCHERBATSKOY, TIM 802/656-2930
RESEARCH BOTANIST
BOTANY DEPARTMENT
UNIVERSITY OF VERMONT
MARSH LIFE SCIENCE BUILDING
BURLINGTON, VERMONT 05405

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
PHYSIOLOGICAL ECOLOGY

1032 TABOR, CHRISTOPHER A. 802/951-6771
PLANT PHYSIOLOGIST
USDA, FOREST SERVICE,
NORTHEASTERN FOREST EXPERIMENT STATION
GEORGE D. AIKEN SUGAR MAPLE LABORATORY
P.O. BOX 968
BURLINGTON, VERMONT 05402

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY

1033 VOGELMANN, H. W. 802/656-2930
PROFESSOR OF BOTANY
UNIVERSITY OF VERMONT
BURLINGTON, VERMONT 05405

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY

1034 WONG, BETTY L. 802/951-6771
PLANT PHYSIOLOGIST
USDA FOREST SERVICE,
NORTHEASTERN FOREST EXPERIMENT STATION
P.O. BOX 968
BURLINGTON, VERMONT 05402

DISCIPLINARY COMPETENCIES
PHYSIOLOGY, MORPHOLOGY,GROWTH
AND DEVELOPMENT

1035 YAWNEY, HARRY W. 802/951-6771
RESEARCH FORESTER
USDA-FOREST SERVICE
NORTHEASTERN FOREST EXPERIMENT STATION
P.O. BOX 968, 705 SPEAR STREET
BURLINGTON, VERMONT 05402

DISCIPLINARY COMPETENCIES
NUTRIENT CYCLING IN FOREST
ECOSYSTEMS

## VIRGINIA

1036 ALLEN, JERRY 703/893-5900
SENIOR ANALYSIS
GENERAL RESEARCH CORPORATION
7655 OLD SPRINGHOUSE ROAD
MCLEAN, VIRGINIA 22102

DISCIPLINARY COMPETENCIES
OPERATIONS RESEARCH-DATA ANALYSIS
AND MODEL DEVELOPMENT

1037 BENEPAL, P.S. 804/520-5151
DIRECTOR OF RESEARCH
VIRGINIA STATE UNIVERSITY
BOX-61
PETERSBURG, VIRGINIA 23803

DISCIPLINARY COMPETENCIES
HOST PLANT RESISTANCE TO
BIOLOGICAL STRESS

1038 BRADFORD, WESLEY L. 703/860-6834
HYDROLOGIST
U.S. GEOLOGICAL SURVEY
NATIONAL HEADQUARTERS
RESTON, VIRGINIA 22092

DISCIPLINARY COMPETENCIES
CHEMISTRY
EARTH SCIENCES
GEOCHEMISTRY

1039 BRICKER, OWEN P. 703/860-6951
HYDROLOGIST
WATER RESOURCES DIVISION
U.S. GEOLOGICAL SURVEY
MS 432
RESTON, VIRGINIA 22092

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY

1040 BRITT, DOUGLAS L. 703/893-5900
DIRECTOR, DEPT. OF ENVIRONMENTAL SCIENCE
GENERAL RESEARCH CORPORATION
7655 OLD SPRINGHOUSE ROAD
MCLEAN, VIRGINIA 22102

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY
ECOLOGY
LIMNOLOGY

1041 BROWELL, EDWARD V. 804/827-2576
LIDAR GROUP LEADER
NASA LANGLEY RESEARCH CENTER
NASA LARC, MS-401A
HAMPTON, VIRGINIA 23665

DISCIPLINARY COMPETENCIES
ATMOSPHERIC TRANSPORT AND CHEMISTRY
LASER REMOTE SENSING

1042 CHEVONE, BORIS 703/961-6530
ASSISTANT PROFESSOR
PLANT PATHOLOGY AND PHYSIOLOGY
VIRGINIA POLYTECHNIC INSTITUTE
AND STATE UNIVERSITY
BLACKSBURG, VIRGINIA 24061

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL MONITORING
INTERACTIVE POLLUTANT EFFECTS
PLANT BIOLOGY AND PHYSIOLOGY

1043 FRASER, JAMES E. 703/893-5900
SENIOR ENVIRONMENTAL SCIENTIST
GENERAL RESEARCH CORPORATION
7655 OLD SPRINGHOUSE ROAD
MCLEAN, VIRGINIA 22102

DISCIPLINARY COMPETENCIES
ACID DEPOSITION NETWORK DESIGN
AQUATIC EFFECTS
MITIGATION STRATEGIES

1044 FURLONG, DALE A. 703/774-8999
VICE PRESIDENT, ETS, INC.
SUITE C-103, 3140 CHAPARRAL DRIVE SW
ROANOKE, VIRGINIA 24018

DISCIPLINARY COMPETENCIES
DRY SO2 SCRUBBERS
FABRIC FILTERS, TESTING, DEVELOPMENT

1045 GALLOWAY, JAMES N. 804/924-7761
ASSOCIATE PROFESSOR
THE UNIVERSITY OF VIRGINIA
CLARK HALL
CHARLOTTESVILLE, VIRGINIA 22903

DISCIPLINARY COMPETENCIES
CHEMISTRY
LIMNOLOGY

1046 GREGORY, GERALD L. 804/827-2486
AERO-SPACE TECHNOLOGIST
NATIONAL AERONAUTICS AND SPACE ADMIN.
LANGLEY RESEARCH CENTER
MAIL STOP 325
HAMPTON, VIRGINIA 23665

DISCIPLINARY COMPETENCIES
AIRCRAFT AND SURFACE MEASUREMENTS--
ACID PARTICLES, ACID FORMING GASES.

1047 HARRISS, ROBERT C. 804/827-2861
SENIOR SCIENTIST
ATMOSPHERIC SCIENCES DIVISION
NASA LANGLEY RESEARCH CENTER
HAMPTON, VIRGINIA 23665

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY

1048 HUDSON, J. L. 804/924-3428
PROFESSOR AND CHAIRMAN
DEPARTMENT OF CHEMICAL ENGINEERING
THORNTON HALL, ROOM E301
UNIVERSITY OF VIRGINIA
CHARLOTTESVILLE, VIRGINIA 22901

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING AND REACTORS
CONTROL TECHNOLOGIES
MASS TRANSFER

1049 KINSMAN, JOHN D. 703/893-5900
STAFF SCIENTIST EXT 484
FLOW GENERAL INCORPORATED
7655 OLD SPRINGHOUSE ROAD
MCLEAN, VIRGINIA 22102

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SCIENCES

1050 MALO, BERNARD A. 703/860-6834
HYDROLOGIST
WATER RESOURCES DIVISION
U.S. GEOLOGICAL SURVEY
412 NATIONAL CENTER
RESTON, VIRGINIA 22092

DISCIPLINARY COMPETENCIES
CHEMISTRY
SOIL SCIENCE

1051 MCBRIEN, STEPHEN V. 703/827-2985
TECHNICAL STAFF
THE MITRE CORPORATION
1820 DOLLEY MADISON BOULEVARD
MCLEAN, VIRGINIA 22102

DISCIPLINARY COMPETENCIES
MATHEMATICS
POLITICAL SCIENCE

1052 NIEMANN, BRAND L. 703/281-5493
CONSULTING SCIENTIST
2587 PLUM TREE CT.
VIENNA, VIRGINIA 22180

DISCIPLINARY COMPETENCIES
AIR POLLUTION SCIENCIES
METEOROLOGY

1053 ORDWAY, FRED 703/560-3292
EXECUTIVE VICE PRESIDENT
ARTECH CORPORATION
2901 TELESTAR COURT
FALLS CHURCH, VIRGINIA 22042

DISCIPLINARY COMPETENCIES
CHEMISTRY
PHYSICS
MATERIALS SCIENCE

1054 PACK, DONALD H. 703/356-4233
CERTIFIED CONSULTING METEOROLOGIST
SELF EMPLOYED
1826 OPALOCKA DRIVE
MCLEAN, VIRGINIA 22101

DISCIPLINARY COMPETENCIES
METEOROLOGY

1055 PECK, EUGENE L. 703/591-4373
PRESIDENT
HYDEX CORPORATION
11150 MAIN STREET, SUITE 502
FAIRFAX, VIRGINIA 22030

DISCIPLINARY COMPETENCIES
HYDROMETEOROLOGY-PRECIPITATION,
STREAMFLOW, SYNOPTIC METHEOROLOGY

1056 PRICE, BRIAN H. 703/827-2948
GROUP LEADER
MITRE CORPORATION
1820 DOLLEY MADISON BOULEVARD
MCLEAN, VIRGINIA 22102

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SYSTEMS ANALYSIS
REGULATORY POLICY ANALYSIS

1057 SMITH, BRANT E. 703/827-2964
MEMBER OF TECHNICAL STAFF
THE MITRE CORPORATION
1820 DOLLEY MADISON BOULEVARD
MCLEAN, VIRGINIA 22102

DISCIPLINARY COMPETENCIES
GEOLOGY
HYDROLOGY

1058 TYREE, S. Y., JR. 804/254-4668
PROFESSOR OF CHEMISTRY
COLLEGE OF WILLIAM AND MARY
WILLIAMSBURG, VIRGINIA 23185

DISCIPLINARY COMPETENCIES
CHEMISTRY

1059 WINNER, WILLIAM E. 703/961-6763
DIRECTOR, LAB. FOR AIR POLLUTION IMPACT
TO AGRICULTURE AND FOREST
DEPT OF PLANT PATHOLOGY AND PHYSIOLOGY.
VIRGINIA POLYTECHNIC INST AND STATE UNIV
BLACKSBURG, VIRGINIA 24061

DISCIPLINARY COMPETENCIES
ECOLOGY AND PHYSIOLOGICAL EFFECTS
OF AIR POLLUTANTS ON PLANTS

1060 WISNIEWSKI, JOE 703/893-5900
MANAGER, ACID RAIN STUDIES
FLOW GENERAL INC.
7655 OLD SPRINGHOUSE ROAD
MCLEAN, VIRGINIA 22102

DISCIPLINARY COMPETENCIES
LIMING-MITIGATION
ATMOSPHERIC CHEMISTRY

1061 WOLFINGER, THOMAS F. 703/827-2961
TECHNICAL STAFF
THE MITRE CORPORATION
1820 DOLLEY MADISON BOULEVARD
MCLEAN, VIRGINIA 22102

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SYSTEMS ANALYSIS
MATHEMATICS
OPERATIONS RESEARCH

1062 YANG, YAW-SHING 703/961-6530
RESEARCH ASSOCIATE
LABORATORY FOR AIR POLLUTANT IMPACT TO
AGRICULTURE AND FORESTRY
DEPT OF PLANT PATHOLOGY AND PHYSIOLOGY
VIRGINIA POLYTECHNIC INSTITUTE
BLACKSBURG, VIRGINIA 24601

DISCIPLINARY COMPETENCIES
AIR POLLUTION EFFECTS TO
TERRESTRIAL VEGETATION

# WASHINGTON

1063 ALKEZWEENY, ABDUL J. 509/375-3897
SENIOR RESEARCH SCIENTIST
BATTELLE-PACIFIC NORTHWEST LABORATORIES
BATTELLE BOULEVARD - P.O. BOX 999
RICHLAND, WASHINGTON 99352

DISCIPLINARY COMPETENCIES
ATMOSPHERIC AEROSOL AND CHEMISTRY
CLOUD PHYSICS

1064 BHAGAT, SURINDER K. 509/335-2576
PROFESSOR AND CHAIRMAN
DEPT. OF CIVIL AND ENVIRON. ENGINEERING
WASHINGTON STATE UNIVERSITY
SLOAN 146
PULLMAN, WASHINGTON 99164

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL ENGINEERING
POLLUTANTS IN AQUATIC ENVIRONMENT
WATER QUALITY ASSESSMENT

1065 BRAKKE, DAVID F. 206/676-3510
ASSOCIATE PROFESSOR AND DIRECTOR
WESTERN WASHINGTON UNIVERSITY
INSTITUTE FOR WATERSHED STUDIES
BELLINGHAM, WASHINGTON 98225

DISCIPLINARY COMPETENCIES
LIMNOLOGY
PALEOLIMNOLOGY
ZOOPLANKTON

1066 CHAPMAN, ELAINE 509/375-3819
RESEARCH ENGINEER
BATTELLE NORTHWEST LABORATORY
GEOSCIENCE RESEARCH AND ENGINEERING
P.O. BOX 999
RICHLAND, WASHINGTON 99352

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
ENVIRONMENTAL ENGINEERING

1067 CHENG, H. H. 509/335-3491
PROFESSOR OF SOILS
DEPARTMENT OF AGRONOMY AND SOILS
WASHINGTON STATE UNIVERSITY
PULLMAN, WASHINGTON 99164

DISCIPLINARY COMPETENCIES
BIOCHEMISTRY
SOIL CHEMISTRY

1068 COLE, DALE W. 206/543-2757
COLLEGE OF FOREST RESOURCES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98115

DISCIPLINARY COMPETENCIES
NUTRIEN STATUS OF SOILS AND PLANTS

1069 COLE, DALE W. 206/543-2762
PROFESSOR
COLLEGE OF FOREST RESOURCES, AR-10
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

DISCIPLINARY COMPETENCIES
FOREST SOILS;
MINERAL CYCLING IN FOREST ECOSYSTEMS

1070 DANA, M. TERRY 509/375-3820
SENIOR RESEARCH SCIENTIST
BATTELLE-PACIFIC NORTHWEST LABORATORIES
P.O. BOX 999
RICHLAND, WASHINGTON 99352

DISCIPLINARY COMPETENCIES
PHYSICS
PRECIPITATION SCAVENGING
PRECIPITATION SCAVENGING

1071 DION, NORMAN P. 206/593-6510
HYDROLOGIST
U.S. GEOLOGICAL SURVEY (WRD)
1201 PACIFIC AVENUE, SUITE 600
TACOMA, WASHINGTON 98402

DISCIPLINARY COMPETENCIES
GEOLOGY
HYDROLOGY
LIMNOLOGY

1072 DUNCAN, L. CLINT 509/963-2811
PROFESSOR OF CHEMISTRY
CHEMISTRY DEPARTMENT
CENTRAL WASHINGTON UNIVERSITY
ELLENSBURG, WASHINGTON 98926

DISCIPLINARY COMPETENCIES
LAKE ACIDIFICATION
PRECIPITATION COMPOSITION

1073 EDMONDS, ROBERT L. 206/543-2757
COLLEGE OF FOREST RESOURCES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98115

DISCIPLINARY COMPETENCIES
NUTRIENT STATUS OF SOILS AND PLANTS

1074 FUNK, W. H. 509/335-5531
DIRECTOR, WATER RESEARCH CENTER
WASHINGTON STATE UNIVERSITY
ALBROOK HYDRAULICS LAB. 202B, BOX 3002
PULLMAN, WASHINGTON 99164

DISCIPLINARY COMPETENCIES
BIOLOGY
CHEMISTRY
LIMNOLOGY

1075 GIBBONS, HARRY L., JR. 509/335-5294
POSTDOCTORAL RESEARCH ASSOCIATE
CIVIL AND ENVIRONMENTAL ENGINEERING
SLOAN HALL ROOM 141, P.O. BOX 2912
WASHINGTON STATE UNIVERSITY
PULLMAN, WASHINGTON 99164

DISCIPLINARY COMPETENCIES
BIOLOGY
CHEMISTRY
LIMNOLOGY

1076 HALES, JEREMY M. 509/376-7990
MANAGER, ATMOSPHERIC CHEMISTRY SECTION
BATTELLE - NORTHWEST
RICHLAND, WASHINGTON 99352

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING
ATMOSPHERIC CHEMISTRY
WET AND DRY REMOVAL PHENOMENA

1077 HARRISON, HALSTEAD 206/543-4596
ASSOCIATED PROFESSOR
UNIVERSITY OF WASHINGTON (AK-40)
SEATTLE, WASHINGTON 98195

DISCIPLINARY COMPETENCIES
CHEMISTRY
STATISTICS

1078 HEGG, DEAN A. 206/545-1984
RESEARCH ASSISTANT PROFESSOR
DEPARTMENT OF ATMOSPHERIC SCIENCE
SEATTLE, WASHINGTON 98195

DISCIPLINARY COMPETENCIES
ATMOSHERIC CHEMISTRY
CLOUD PHYSICS

1079 HINDS, W. T. 509/376-7724
SENIOR RESEARCH SCIENTIST
BATTELLE-NORTHWEST LABORATORIES
P.O. BOX 999
RICHLAND, WASHINGTON 99352

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY
QUANTITATIVE FIELD MEASUREMENTS
DESIGN AND INTERPRETATION

1080 HOBBS, PETER V. 206/543-6027
PROFESSOR
ATMOSPHERIC SCIENCES DEPARTMENT AK-40
UNIVERSITY OF WASHINGTON 98195

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
CLOUD CHEMISTRY
METEOROLOGY
PLUMES

1081 JENNE, EVERETT A. 509/376-8635
SENIOR STAFF SCIENTIST
BATTELLE, PACIFIC NORTHWEST LABORATORY
P.O. BOX 999
RICHLAND, WASHINGTON 99352

DISCIPLINARY COMPETENCIES
BIOAVAILABILITY
LOW TEMPERATURE GEOCHEMISTRY

1082 LAMB, BRIAN 509/335-1526
ASSISTANT PROFESSOR
AIR POLLUTION RESEARCH SECTION
WASHINGTON STATE UNIVERSITY
PULLMAN, WASHINGTON 99164

DISCIPLINARY COMPETENCIES
ATMOS POLLUTANT TRANSPORT
AND DISPERSION
ATMOS TRACER TECHNIQUES

1083 MAHALINGAM, R. 509/335-1304
PROFESSOR OF CHEMICAL ENGINEERING
WASHINGTON STATE UNIVERSITY
PULLMAN, WASHINGTON 99164

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING
PRECIPITATION SCAVENGING

1084 MCKENZIE, DANIEL H. 509/376-6573
MANAGER, APPLIED ECOLOGY SECTION
BATTELLE-NORTHWEST LABS.
P.O. BOX 999
RICHLAND, WASHINGTON 99352

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL EFFECTS

1085 MCNEAL, BRIAN L. 509/335-3650
PROFESSOR OF SOILS
DEPARTMENT OF AGRONOMY AND SOILS
WASHINGTON STATE UNIVERSITY
PULLMAN, WASHINGTON 99164

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY
WATER CHEMISTRY

1086 MOORHEAD, BRUCE B. 206/452-4501
BIOLOGIST
OLYMPIC NATIONAL PARK
600 PARK AVENUE
PORT ANGELES, WASHINGTON 98362

DISCIPLINARY COMPETENCIES
WILDLIFE ECOLOGY/MANAGEMENT

1087 PACK, MERRILL R. 509/335-1526
PLANT PHYSIOLOGIST
AIR POLLUTION SECTION
WASHINGTON STATE UNIVERSITY
PULLMAN, WASHINGTON 99163

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY
SOILS
AIR MONITORING

1088 PAGE, THOMAS L. 509/375-2936
MANAGER, APPLIED ECOLOGY
ECOLOGICAL SCIENCES DEPARTMENT
BATTELLE, PACIFIC NORTHWEST LABORATORIES
BATTELLE BOULEVARD, P.O. BOX 999
RICHLAND, WASHINGTON 99352

DISCIPLINARY COMPETENCIES
LIMNOLOGY
AQUATIC PHYSIOLOGY
FISHERIES BIOLOGY/ECOLOGY

1089 ROBINSON, ELMER 509/335-1526
PROFESSOR RESEARCH METEOROGIST
AIR POLLUTION RESEARCH
WASHINGTON STATE UNIVERSITY
302 DANA HALL
PULLMAN, WASHINGTON 99164

DISCIPLINARY COMPETENCIES
METEOROLOGY

1090 SHEPPARD, JOHN C. 509/335-4731
PROFESSOR, CHEMICAL ENGINEERING
AND ANTHROPOLOGY
DEPARTMENT OF CHEMICAL ENGINEERING
WASHINGTON STATE UNIVERSITY, BOX 2710
PULLMAN, WASHINGTON 99164

DISCIPLINARY COMPETENCIES
ATMOS PHOTOCHEMISTRY AND OXIDATION
OF POLLUTANTS BY HYDROXYL RADICAL

1091 TUKEY, H.B. 206/543-8616
PROFESSOR AND DIRECTOR OF ARBORETA
COLLEGE OF FOREST RESOURCES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

DISCIPLINARY COMPETENCIES
HORTICULTURE
PLANT PHYSIOLOGY

1092 VOGT, KRISTIINA A. 206/543-2757
COLLEGE OF FOREST RESOURCES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98115

DISCIPLINARY COMPETENCIES
NUTRIENT STATUS OF SOIL AND PLANTS

1093 WELCH, EUGENE B. 206/543-2632
PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98195

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY
LIMNOLOGY

1094 WILSON, H. WILLIAM 206/676-3137
PROFESSOR OF CHEMISTRY
WESTERN WASHINGTON UNIVERSITY
BELLINGHAM, WASHINGTON 98225

DISCIPLINARY COMPETENCIES
CHEMICAL PHYSICS (SPECTROSCOPY)
PHYSICAL/ANALYTICAL CHEMISTRY

1095 ZASOSKI, ROBERT J. 206/543-2757
COLLEGE OF FOREST RESOURCES
UNIVERSITY OF WASHINGTON
SEATTLE, WASHINGTON 98115

DISCIPLINARY COMPETENCIES
NUTRIENT STATUS OF SOILS AND PLANTS

## WEST VIRGINIA

1096 DE COSTA, JOHN 304/293-4693
PROFESSOR, BIOLOGY DEPARTMENT
WEST VIRGINIA UNIVERSITY
MORGANTOWN, WEST VIRGINIA 26506

DISCIPLINARY COMPETENCIES
LIMNOLOGY

1097 GASPER, DONALD C. 304/924-6211
BIOLOGIST II
WEST VIRGINIA DEPT. OF NATURAL RESOURCES
FISH SECTION
P.O. BOX 38
FRENCH CREEK, WEST VIRGINIA 26218

DISCIPLINARY COMPETENCIES
FISH BIOLOGY
HYDROLOGY
PRECIPITATION CHEMISTRY
WATER CHEMISTRY

1098 HELVEY, J. DAVID 304/478-2000
PROJECT LEADER, FOREST HYDROLOGIST
USDA FOREST SERVICE
TIMBER AND WATERSHED LABORATORY
PARSONS, WEST VIRGINIA 26287

DISCIPLINARY COMPETENCIES
HYDROLOGY

1099 LANG, GERALD E. 304/293-5201
ASSOCIATE PROFESSOR
WEST VIRGINIA UNIVERSITY
MORGANTOWN, WEST VIRGINIA 26506

DISCIPLINARY COMPETENCIES
BIOGEOCHEMISTRY
PLANT ECOLOGY

1100 SCHREIBER, RICHARD KENT 304/725-2061
FISH AND WILDLIFE BIOLOGIST EXT 5354
EASTERN ENERGY AND LAND USE TEAM
U.S. FISH AND WILDLIFE SERVICE
ROUTE 3, BOX 44
KEARNEYSVILLE, WEST VIRGINIA 25430

DISCIPLINARY COMPETENCIES
RESEARCH ADMINISTRATION
TERRESTRIAL ECOLOGY

1101 TOMKOWSKI, ANTHONY C. 304/293-3411
ASSISTANT PROFESSOR OF FORESTRY,
ASSISTANT RESEARCH SCIENTIST
WEST VIRGINIA UNIVERSITY
ROOM 338-B, PERCIVAL HALL
MORGANTOWN, WES VIRGINIA 26506

DISCIPLINARY COMPETENCIES
FISHERIES
FORESTRY
FOREST WATER QUALITY

1102 ZURBUCH, PETER E. 304/636-1767
ASSISTANT CHIEF
DIVISION OF WILDLIFE, WEST VIRGINIA
DEPARTMENT OF NATURAL RESOURCES
BOX 67
ELKINS, WEST VIRGINIA 26241

DISCIPLINARY COMPETENCIES
FISHERY BIOLOGY

## WISCONSIN

1103 ABER, JOHN D. 608/262-0533
ASSOCIATE PROFESSOR
DEPARTMENT OF FORESTRY
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN 53706

DISCIPLINARY COMPETENCIES
FOREST ECOSYSTEMS
NUTRIENT CYCLING

1104 ANDREN, ANDERS W. 608/262-2470
ASSOC. DIR. OF WATER RESOURCES CENTER
PROF. OF WATER CHEMISTRY
UNIVERSITY OF WISCONSIN
660 N. PARK STREET
MADISON, WISCONSIN 53706

DISCIPLINARY COMPETENCIES
WATER CHEMISTRY
GEOCHEMISTRY
ATMOSPHERIC CHEMISTRY

1105 BECKER, RONALD W. 715/362-7616
WATER QUALITY PLANNER
WISCONSIN DEPT. OF NATURAL RESOURCES
BOX 818
RHINELANDER, WISCONSIN 54501

DISCIPLINARY COMPETENCIES
HYDROLOGY
AIR QUALITY STUDIES
DATA MANAGEMENT

1106 BOWSER, CARL J. 608/262-8955
PROFESSOR
UNIVERSITY OF WISCONSIN
1215 W. DAYTON AVENUE
MADISON, WISCONSIN 53706

DISCIPLINARY COMPETENCIES
AQUATIC CHEMISTRY
ENVIRONMENTAL GEOLOGY
GEOCHEMISTRY

1107 EILERS, JOE 715/362-7616
AQUATIC BIOLOGIST
WISCONSIN DEPT OF NATURAL RESOURCES
BOX 818
RHINELANDER, WISCONSIN 545

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY
STATISTICS

1108 FLICKINGER, JOHN 608/252-3084
ENVIRONMENTAL SCIENTIST
WISCONSIN POWER AND LIGHT COMPANY
P.O. BOX 192
MADISON, WISCONSIN 53701

DISCIPLINARY COMPETENCIES
AIR AND WATER MONITORING
WATER CHEMISTRY

1109 GARRISON, PAUL J. 608/267-9432
LIMNOLOGIST
WISCONSIN DEPT OF NATURAL RESOURCES
3911 FISH HATCHERY ROAD
MADISON, WISCONSIN 53711

DISCIPLINARY COMPETENCIES
PHYTOPLANKTON
ZOOPLANKTON

1110 GRUND, RICHARD 715/887-5481
CORPORATE SUPERVISOR OF
ENVIRONMENTAL PROTECTION
NEKOOSA PAPERS INC.
PORT EDWARDS, WISCONSIN 54469

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

1111 HELMKE, PHILIP A. 608/263-4947
PROFESSOR
DEPARTMENT OF SOIL SCIENCE
UNIVERSITY OF WISCONSIN-MADISON
1525 OBSERVATORY DRIVE
MADISON, WISCONSIN 53706

DISCIPLINARY COMPETENCIES
SPECIATION OF TRACE ELEMNENTS
BEHAVIOR OF ELEMENTS IN ENVIRONMENTAL SYSTEMS

1112 JERKINS, SARAH 608/266-5990
ENVIRONMENTAL ANALYST
WISCONSIN PUBLIC SERVICE COMMISSION
P.O. BOX 7854, 4802 SHEBOYGAN AVENUE
MADISON, WISCONSIN 53707

DISCIPLINARY COMPETENCIES
PHYSICAL BIOCHEMISTRY
PHYSICAL ENVIRON. EFFECTS OF ENERGY PROJECTS
PHYSICS

1113 KLESSIG, LOWELL 715/346-3783
CHAIRMAN, ENVIRONMENTAL RESEARCH UNIT
UNIVERSITY OF WISCONSIN EXTENSION
COLLEGE OF NATURAL RESOURCES
UNIVERSITY OF WISCONSIN
STEVENS POINT, WISCONSIN 54481

DISCIPLINARY COMPETENCIES
LAKE MANAGEMENT
SOCIAL IMPACT

1114 KOZLOWSKI, T. T. 608/262-4900
DIRECTOR OF THE BIOTRON AND
A. J. RIKER PROFESSOR OF FORESTRY
UNIVERSITY OF WISCONSIN
2115 OBSERVATORY DRIVE
MADISON, WISCONSIN 53706

DISCIPLINARY COMPETENCIES
FORESTRY
PHYSIOLOGICAL-ECOLOGY

1115 MAGNUSON, JOHN J. 608/262-2840
DIRECTOR, CENTER FOR LIMNOLOGY
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN 53706

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY
LIMNOLOGY
DISTRIBUTION ECOLOGY OF FISHES

1116 MARTINI, BOB 715/362-7616
VICE CHAIRMAN
ACID DEPOSITION TASK FORCE
WISCONSIN DEPT. OF NATURAL RESOURCES
BOX 818
RHINELANDER, WISCONSIN 54501

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY
REGULATORY/INSTITUTIONAL

1117 MASON, JOHN W. 608/266-7778
NATURAL RESOURCES SUPERVISOR
WISCONSIN DEPT OF NATURAL RESOURCES
3911 FISH HATCHERY ROAD
MADISON, WISCONSIN 53711

DISCIPLINARY COMPETENCIES
FISHERY BIOLOGY
LIMNOLOGY

1118 RAHEL, FRANK J. 608/262-3087
RESEARCH ASSOCIATE
DEPARTMENT OF ZOOLOGY
LIMNOLOGY LABORATORY
UNIVERSITY OF WISCONSIN
MADISON, WISCONSIN 53706

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY

1119 RAND, ROBERT E. 715/635-3735
SUPERINTENDENT
UNIVERSITY OF WISCONSIN
U. W. WISCONSIN SPOONER EXPT FARM
ROUTE 2 BOX 2335
SPOONER, WISCONSIN 54801

DISCIPLINARY COMPETENCIES
SOIL SCIENCE

1120 SCHNICK, ROSALIE A.
TECHNICAL INFORMATION SPECIALIST
NATIONAL FISHERY RESEARCH LABORATORY
P.O. BOX 54601
LA CROSSE, WISCONSIN 54601

DISCIPLINARY COMPETENCIES
INFORMATION- FISHERY

1121 SMITH, WILLIAM H. 715/635-2101
AIR MANAGEMENT ENGINEER
WISCONSIN DEPARTMENT OF NATURAL RESOURCE
BOX 309
SPOONER, WISCONSIN 54801

DISCIPLINARY COMPETENCIES
MONITORING/FIELD MEASUREMENTS

1122 WEBSTER, KATHERINE E. 715/362-7616
LAKE STUDY SPECIALIST
WISCONSIN DEPT. OF NATURAL RESOURCES
BOX 818
RHINELANDER, WISCONSIN 54501

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY

1123 WEINBAUER, JAMES D. 715/422-3697
ENVIRONMENTAL SERVICES MANAGER
CONSOLIDATED PAPERS, INC.
P.O. BOX 50
WISCONSIN RAPIDS, WISCONSIN 54494

DISCIPLINARY COMPETENCIES
BIOLOGY
CHEMISTRY
MONITORING/FIELD MEASUREMENTS

1124 WIENER, JAMES G. 608/783-6451
LEADER (FISHERY BIOLOGIST)
U.S. FISH AND WILDLIFE SERVICE
COLUMBIA NATIONAL FISHERY RESEARCH LAB
FIELD RESEARCH STATION
P.O. BOX 936
LA CROSSE, WISCONSIN 54601

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL TRANSPORT, FATE, AND EFFECTS OF TRACE CONTAMINANTS IN AQUATIC ECOSYSTEMS

## WYOMING

1125 ADAMS, RICHARD M. 307/766-6423
ASSOCIATE PROFESSOR
UNIVERSITY OF WYOMING
LARAMIE, WYOMING 82071

DISCIPLINARY COMPETENCIES
ECONOMICS

1126 ATKINSON, SCOTT E. 307/766-2352
ASSOCIATE PROFESSOR OF ECONOMICS
UNIVERSITY OF WYOMING
LARAMIE, WYOMING 82070

DISCIPLINARY COMPETENCIES
ECONOMICS

1127 CROCKER, THOMAS D. 307/766-6423
PROFESSOR OF ECONOMICS AND DIRECTOR,
RESOURCE AND ENVIRONMENTAL ECONOMICS LAB
UNIVERSITY OF WYOMING
UNIVERSITY STATION, BOX 3985,
LARAMIE, WYOMING 82071

DISCIPLINARY COMPETENCIES
ECONOMICS

1128 HAMILTON, WAYNE L. 307/344-7381
PHYSICAL SCIENCE COORDINATOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK, WYOMING 82190

DISCIPLINARY COMPETENCIES
TRANSPORT
DEPOSITION
FATE OF POLLUTANTS

1129 HOWATSON, JOHN 307/766-4363
PROFESSOR OF CHEMISTRY
UNIVERSITY OF WYOMING
LARAMIE, WYOMING 82071

DISCIPLINARY COMPETENCIES
SOLID STATE CHEMISTRY
GAS-SOLID REACTIONS

1130 LUKOW, THOMAS E. 307/778-2085
PHYSICAL SCIENTIST EXT. 2425
BUREAU OF LAND MANAGEMENT
P.O.BOX 1828, 2515 WARREN AVE.
CHEYENNE, WYOMING 82001

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICS
CLIMATOLOGY
AIR QUALITY
WEATHER MODIFICATION

1131 TSCHIRHURT, JOHN T. 307/766-2253
ASSOCIATE PROFESSOR OF ECONOMICS
DEPARTMENT OF ECONOMICS
UNIVERSITY OF WYOMING
LARAMIE, WYOMING 82071

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL ECONOMICS
REGULATORY ECONOMICS

# MEXICO

1132 ANGUIANO, SILVINO AGULAR 5 15 31 88
METEOROLOGIST
DIRECCION GENERAL DEL SERVICIO
METEOROLOGICO NACIONAL
AV. OBSERVATORIO NO. 192
MEXICO CITY, D.F., MEXICO 11860

DISCIPLINARY COMPETENCIES
METEOROLOGY

1133 HUMBERTO, BRAVO A. 548 81 90
HEAD, ENVIRONMENTAL POLLUTION DEPT.
CENTER OF ATMOSPHERIC SCIENCES
UNIVERSIDAD NAL. AUTONOMA DE MEXICO
CIRCUITO EXT. DE CIUDAD UNIVERSITARIA
MEXICO CITY, D.F., MEXICO 04510

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL POLLUTION-
AIR, WATER, SOLID WASTES

# EUROPE

## BELGIUM

1134 LEMBRECHTS, JOHAN 014/311801
RADIOBIOLOGY DEPT
BELGIAN NUCLEAR CENTER (S.C.K.-C.E.N.)
BOERETANG
B-2400 MOL, BELGIUM

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY
BOG ECOLOGY
LIMNOLOGY

1135 VANDERBORGHT, O.L.J. 014/311801
PROFESSOR
RADIOBIOLOGY DEPT
BELGIAN NUCLEAR CENTER (S.C.K.-C.E.N.)
BOERETANG
2400 MOL, BELGIUM

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY
LIMNOLOGY
PHYSIO-ECOLOGY

1136 VANGENECHTEN, J.H.D. 014/311801
RADIOBIOLOGY DEPT
BELGIAN NUCLEAR CENTER (S.C.K.-C.E.N.)
BOERETANG 200
2400 MOL, BELGIUM

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY
LIMNOLOGY
PHYSIO-ECOLOGY

## CZECHOSLOVAKIA

1137 CEROVSKY, MARIAN 466-96
ENGINEER
HYDROMETEOROLOGICAL INSTITUTE
885 32 BRATISLAVA, CZECHOSLOVAKIA

DISCIPLINARY COMPETENCIES
PRECIPITATION CHEMISTRY
REGIONAL AIR POLLUTION MONITORING

1138 MOLDAN, BEDRICH
GEOLOGICAL SURVEY OF CZECHOSLOVAKIA
MALOSTRANSKE NAM. 19
118 21 PRAGUE 1, CZECHOSLOVAKIA

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY
ENVIRONMENTAL CHEMISTRY
GEOCHEMISTRY
RAINWATER CHEMISTRY

1139 ZAVODSKY, DUSAN 466-96
HYDROMETEOROLOGICAL INSTITUTE
885 32 BRATISLAVA, CZECHOSLOVAKIA

DISCIPLINARY COMPETENCIES
AIR POLLUTION MODELLING
REGIONAL AIR POLLUTION MONITORING

## FED. REP. OF GERMANY

1140 ATHARI, SAID 0551/393472
INSTITUTE FOR FOREST MANAGEMENT AND YIELD SCIENCE
BUSGENWEG 5
3400 GOTTINGEN, WEST GERMANY

DISCIPLINARY COMPETENCIES
YIELD SCIENCE

1141 BAUM, ULF 089/21803115
DEPARTMENT OF SOIL SCIENCE
UNIVERSITY OF MUNICH, F.R.G.
INSTITUT FUR BODENKUNDE, AMALIENSTR 52
D-8000 MUNCHEN 40, WEST GERMANY

DISCIPLINARY COMPETENCIES
SOIL SCIENCE

1142 BLUME, HANS-PETER 030 31471340
PROFESSOR
INSTITUTE OF ECOLOGY
TECHNICAL UNIVERSITY
ENGLER ALLEE 19-21
1000 BERLIN(W)33, WEST GERMANY

DISCIPLINARY COMPETENCIES
PEDOLOGY
ECOLOGY

1143 CRUTZEN, PAUL (06131)
PROFESSOR
MAX PLANCK INSTITUTE FOR CHEMISTRY
PO BOX 3060
D6500 MAINZ, WEST GERMANY

DISCIPLINARY COMPETENCIES
ATMOSPHERIC THEORETICAL CHEMISTRY

1144 FISCHER, MANFRED 030 83082443
DIRECTOR
FEDERAL BOARD OF HEALTH (BGA)
CORRENSPLATZ 1
D-1000 BERLIN 33, WEST GERMANY

DISCIPLINARY COMPETENCIES
SOIL AND GROUND WATER PROTECTION

Preceding page blank

1145 GEORGII, HANS-WALTER
PROFESSOR
UNIVERSITY INSTITUTE FOR METEOROLOGY AND
GEOPHYSICS
FELDBERGSTRABE 47
6000 FRANKFURT AM MAIN, WEST GERMANY

DISCIPLINARY COMPETENCIES
METEOROLOGY
GEOPHYSICS

1146 KENNEWEG, HARTMUT 0551 393472
PROFESSOR
INSTITUTE FOR FOREST MANAGEMENT AND
YIELD SCIENCE
BUSGENWEG 5
3400 GOTTINGEN, WEST GERMANY

DISCIPLINARY COMPETENCIES
FORESTRY
REMOTE SENSING
YIELD SCIENCE

1147 KRAMER, HORST 0551/393472
PROFESSOR
INSTITUTE FOR FOREST MANAGEMENT AND
YIELD SCIENCE
BUSGENWEG 5
3400 GOTTINGEN, WEST GERMANY

DISCIPLINARY COMPETENCIES
YIELD SCIENCE

1148 KRIETER, MANFRED 06131/392702
DEPARTMENT OF GEOGRAPHY
UNIVERSITY OF MAINF
6500 MAINF, WEST GERMANY

DISCIPLINARY COMPETENCIES
ENVIROMENTAL EFFECTS

1149 MAYER, ROBERT 0551-393509
INSTITUTE FOR SOIL SCIENCE AND FORESTRY
UNIVERSITY OF GOTTINGEN
BUSGENWEG 2
D-3400 GOTTINGEN, WEST GERMANY

DISCIPLINARY COMPETENCIES
HEAVY METAL DEPOSITION AND
DISTRIBUTION IN FOREST ECOSYSTEMS
EFFECTS OF ACID RAIN

1150 MEIWES, KARL-JOSEF 0551-393505
INSTITUTE FOR SOIL SCIENCE AND FORESTRY
UNIVERSITY OF GOTTINGEN
BUESGENNEG 2
D-3400 GOETTINGEN, WEST GERMANY

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY

1151 PANKRATH, JURGEN
SCIENCE DIRECTOR
FEDERAL ENVIRONMENTAL AGENCY
BISMARCKPLATZ 1
D-1000 BERLIN 33, GERMANY

DISCIPLINARY COMPETENCIES
ACID RAIN
LONG RANGE TRANSPORT

1152 REHFUESS, KARL EUGEN 089/21803118
PROFESSORSHIP FOR SOIL SCIENCE
8000 MUNCHEN 40
AMALIENSTR. 52, BAVARIA, GERMANY

DISCIPLINARY COMPETENCIES
PLANT SCIENCE
SOIL SCIENCE

1153 ULRICH, BERNHARD
SOIL SCIENCE AND FOREST NUTRITION
UNIVERSITY OF GOTTINGEN
BUSGENWEG 2
D-3400 GOTTINGEN, WEST GERMANY

DISCIPLINARY COMPETENCIES
BOTANY
FOREST ECOLOGY
SOIL SCIENCE

## FINLAND

1154 ERKINJUNTTI, RIITTA SF-650211
DEPARTMENT OF PHYSICS
UNIVERSITY OF HELSINKI
SILTAVUORENPENGER 20 D
00170 HELSINKI 17, FINLAND

DISCIPLINARY COMPETENCIES
PHYSICS

1155 HART, PETTRI 1924304
DEPARTMENT OF SILVICULTURE
UNIVERSITY OF HELSINKI
UNIONIUK 40 B
SF-00170 HELSINKI 17, FINLAND

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY

1156 HAUTOJARVI, AIMO SF-650211
DEPARTMENT OF PHYSICS
UNIVERSITY OF HELSINKI
SILTAVUORENPENGER 20 D
00170 HELSINKI 17, FINLAND

DISCIPLINARY COMPETENCIES
PHYSICS

1157 JARVINEN, OLLI 70971
NATIONAL BOARD OF WATERS
RESEARCH LABORATORY
KYLASAARENKATU 10
00550 HELSINKI 55, FINLAND

DISCIPLINARY COMPETENCIES
WATER CHEMISTRY

1158 KATAINEN, HELJA-SISKO 19241
DEPARTMENT OF SILVICULTURE
HELSINKI UNIVERSITY
UNIONINKATU 40 B
SF-00170 HELSINKI 17, FINLAND

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY

1159 KELLOMAKI, SEPPO 90-661401
FINMISH FOREST RESEARCH INSTITUTE
UMIONINKATU 40 A
HELSINKI, FINLAND

DISCIPLINARY COMPETENCIES
ECO-PHYSIOLOGY OF WOOD FORMATION

1160 KENTTAMIES, KAARLE
NATIONAL BOARD OF WATERS
WATER RESEARCH INSTITUTE
P.O. BOX 250
00101 HELSINKI 10, FINLAND

DISCIPLINARY COMPETENCIES
LIMNOLOGICAL RESEARCH
WATER QUALITY OF INLAND WATERS

1161 MAKELA, ANNIKKI 1924305
ENGINEER
DEPARTMENT OF SILVICULTURE
HELSINKI UNIVERSITY
UNIONINK 40 B
SF-00170 HELSINKI 17, FINLAND

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
MATHEMATICAL MODELING

1162 RAUNEMAA, TAISTO SF-650211
DEPARTMENT OF PHYSICS
UNIVERSITY OF HELSINKI
SILTAVUORENPENGER 20 D
00170 HELSINKI 17, FINLAND

DISCIPLINARY COMPETENCIES
PHYSICS

1163 SATU, HUTTUNEN 81-18 199
ASSISTANT PROFESSOR
DEPARTMENT OF BOTANY
UNIVERSITY OF OULU
P.O. BOX 191
SF-90101 OULU 10, FINLAND

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL SCIENCES
PLANT ECOLOGY

## FRANCE

1164 CHUONG, B.T. 493 24 75
ENGINEER
CENTER DE RECHERCHE B P NO 1, IRCHA
91710 VERT LE PETIT, FRANCE

DISCIPLINARY COMPETENCIES
AIR QUALITY ANALYSIS
ATMOSPHERIC CHEMISTRY

1165 DELMAS, ROBERT J. 76 42 58 72
RESEARCH GROUPLEADER
LABORATORY OF GLACIOLOGY
BR53
38041 GRENOBLE-CEDEX, FRANCE

DISCIPLINARY COMPETENCIES
POLAR AIR
PRECIPITATION CHEMISTRY

1166 DUCLOS, GEORGES 42 23 98 50
ENGINEER
SOCIETY OF THE PROVENCE CANAL AND OF
PROVENCE REGIONAL MANAGEMENT
LE THOLONET
13603 AIXEN PROVENCE, FRANCE

DISCIPLINARY COMPETENCIES
AGRONOMY
CLIMATOLOGY
SOIL SCIENCE

1167 GAUDRY, A. 09 07 78 28
OFFICE OF OVERSEAS SCIENTIFIC AND
TECHNICAL RESEARCH, TERRITORY OF TAAF
CENTER OF LOW-LEVEL RADIOACTIVITY,
JOINT LABORATORY
91190 GIF/YVETTE, ESSONNE, FRANCE

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICO-CHEMISTRY
ATMOS COZ, ACID RAIN, AND
BACKGROUND POLLUTION

1168 LAMBERT, G. 09 07 78 28
PROFESSOR
UNIVERSITY OF SAN QUENTIN
CENTER OF LOW-LEVEL RADIOACTIVITY,
JOINT LABORATORY
91190 GIF/YVETTE, ESSONNE, FRANCE

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICAL CHEMISTRY-
ATMOS CO2, ACID RAIN, AND
BACKGROUND POLLUTION

1169 LEGRAND, MICHEL R. 76 42 58 72
LABORATORY OF GLACIOLOGY
B253
38041 GRENOBLE-CEDEX, FRANCE

DISCIPLINARY COMPETENCIES
PRECIPITATION CHEMISTRY
ANALYTICAL CHEMISTRY

1170 MOUVIER, GERARD 336 25 25
PROFESSOR
LABORATOIRE DE PHYSICO
CHIMIE INSTRUMENTALE
UNIVERSITE PARIS VII
2 PLACE JUSSIEU
75251 PARIS CEDEX 05, FRANCE

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHOTOCHEMISTRY
ORGANOSULFUR COMPOUNDS

1171 NGUYEN, BA CUONG 09 07 78 28
CHIEF OF RESEARCH
NATIONAL CENTER OF SCIENTIFIC RESEARCH
CENTER OF LOW-LEVEL RADIOACTIVITY- CNRS
91190 GIF SUR YVETTE, FRANCE

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICO-CHEMISTRY

1172 OPPENEAU, JEAN-CLAUDE 07 58 12 12
SECRETARY GENERAL OF SPECIAL COMMITTEE
ON THE PHYSICAL ENVIRONMENT
MINISTRY OF ENVIRONMENT AND PLANNING
14, BD DU GENERAL LECLERC
92522 NEUILLY S/SEINE, FRANCE

DISCIPLINARY COMPETENCIES
AIR POLLUTION RESEARCH MANAGEMENT
ENVIRONMENTAL POLICY

1173 PAULY, JEAN PIERRE 46 41 13 13
C.R.E.O.S.A.
ALLEE DES TAMARIS
1700 LA ROCHELLE, FRANCE

DISCIPLINARY COMPETENCIES
GEOLOGICAL ENGINEERING
ACTION OF ATMOSPHERIC POLLUTANTS ON
CONSTRUCTION MATERIALS

1174 SARAZIN, GERARD 16 76 425872
ASSISTANT PROFESSOR
LABORATORY OF GLACIOLOGY
2 RUE TRES-CLOITRES
38031 GRENOBLE, FRANCE

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY (INORGANIC)
POLAR AIR CHEMISTRY

## HUNGARY

1175 HORVATH, LASZLO 585-711
RESEARCH SCIENTIST
INSTITUTE FOR ATMOSPHERIC PHYSICS
PO BOX 39
H-1675 BUDAPEST, HUNGARY

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICS

1176 VARHELYI, GABRIELLA 585 711
RESEARCH SCIENTIST
INSTITUTE FOR ATMOSPHERIC PHYSICS
PO BOX 39
H-1675 BUDAPEST, HUNGARY

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICS

## ITALY

1177 ARNALDO, LIBERTI 06-9005349
PROFESSOR
INSTITUTE OF ATMOSPHERIC POLLUTION- CNR
AREA DELLA RICERCA DI ROMA.
VIA SALARIA KM 29.300
00016 MONTEROTONDO STAZIONE, ROME, ITALY

DISCIPLINARY COMPETENCIES
CHEMICAL ANALYSIS

1178 BRUNO, FRANCO 4955719
VISITING PROFESSOR
UNIVERSITA'
INSTITUTE OF BOTANY-ROMA
00100 ROME, ITALY

DISCIPLINARY COMPETENCIES
BOTANY
ECOLOGY

1179 CAVALLARO, A. 02-717751
DIRECTOR
HYGIENE AND PROPHILAXIS LABORATORY
VIA JUVARA 22
MILANO, ITALY

DISCIPLINARY COMPETENCIES
ATMOSPHERIC, WATER, AND SOIL POLLUTION
CHEMISTRY

1180 CIATTAGLIA, LUIGI 06 9023953
ITALIAN METEOROLOGICAL SERVICE
VIGNA DI VALLE OBSERVATORY
00062 BRACCIANO, ROME, ITALY

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICS
AIR POLLUTION
METEOROLOGY

1181 FRANCO, PRODI 051-51 95 93
PHYSICIST
NATIONAL RESEARCH COUNCIL
DEPARTMENT OF CLOUDS AND PRECIPITATION
LABORATORY FISBAT-CNR
40126 BOLOGNA, ITALY

DISCIPLINARY COMPETENCIES
CLOUD PHYSICS

1182 FUSARI, REDO 0733 452 83
RESEARCHER, VICE-DIRECTOR
OBSERVATORY OF EXPERIMENTAL GEOPHYSICS
PZA OBERDAN 5
62100 MACERATA, ITALY

DISCIPLINARY COMPETENCIES
AIR CHEMISTRY
CLIMATOLOGY

1183 FUZZI, SANDRO 051 51 95 93
RESEARCHER
LABORATORY FISBAT C.N.R.
VIA DE'CASTAGNOLI 1
40126 BOLOGNA, ITALY

DISCIPLINARY COMPETENCIES
CHEMISTRY

1184 GRATANI, DOTT LORETTA 5312 532
RESEARCHER
INSTITUTE OF BOTANY
UNIVERSITA
00100 ROMA, ITALIA

DISCIPLINARY COMPETENCIES
ECOLOGY

1185 GUALDI, G. 02-717751
PHYSICIST
HYGIENE AND PROPHILAXIS LABORATORY
VIA JUVARA 22
MILANO, ITALY

DISCIPLINARY COMPETENCIES
PHYSICAL SCIENCE-
ATMOSPHERIC, WATER, AND SOIL POLLUTION

1186 MANDRIOLI, PAOLO 051 51 95 93
RESEARCHER
LABORATORY FISBAT C N R
VIA DE'CASTAGNOLI 1
40126 BOLOGNA, ITALY

DISCIPLINARY COMPETENCIES
BIOLOGY

1187 MASSIMILIANO, POSSANZINI 06-9005349
INSTITUTE OF ATMOSPHERIC POLLUTION- CNR
AREA DELLA RICERCA DI ROMA-
VIA SALARIA KM 29.300
00016 MONTEROTONDO STAZIONE, ROME, ITALY

DISCIPLINARY COMPETENCIES
CHEMICAL ANALYSIS

1188 MOSELLO, ROSARIO 0323 42445
CHEMIST
NATIONAL RESEARCH COUNCIL
ITALIAN INSTITUTE OF HYDROBIOLOGY
28048 PALLANZA, ITALY

DISCIPLINARY COMPETENCIES
EFFECTS ON FRESHWATER
RAIN CHEMISTRY

1189 MURRI,ALFREDO 0733-45483
DIRECTOR
OBSERVATORY OF EXPERIMENTAL GEOPHYSICS
PLAZZA OBERDAN- 5
62100 MACERATA, ITALY

DISCIPLINARY COMPETENCIES
ATMOSPHERIC ELECTRICITY
CLIMATOLOGY
GEOPHYSICS
METEOROLOGY

1190 NUCCIOTTI, FRANCESCO 051 23 61 84
ENVIRONMENT PROBLEMS EXPERT
AMBIENT ASSESSMENT EMILIA ROMAGNA REGION
VIA DEI MILLE 21
40121 BOLOGNA, ITALY

DISCIPLINARY COMPETENCIES
AIR POLLUTION

1191 PANTANI, FRANCESCO 218389
PROFESSOR
INSTITUTE OF ANALYTICAL CHEMISTRY
UNIVERSITY OF FLORENCE
VIA GINO CAPPONI 9
50121 FLORENCE, ITALY

DISCIPLINARY COMPETENCIES
INSTRUMENTAL ANALYTICAL CHEMISTRY
WATER POLLUTION-ANALYTICAL

1192 TARTARI, GIANNI 0323 42445
CHEMIST
NATIONAL RESEARCH COUNCIL
ITALIAN INSTITUTE OF HYDROBIOLOGY
28048 VERBANIA, NOVARA, ITALY

DISCIPLINARY COMPETENCIES
RAIN EFFECTS ON FRESHWATER

1193 TEBALDI, G. 02-717751
METEOROLOGIST
HYGIENE AND PROPHILAXIS LABORATORY
VIA JUVARA 22
MILANO, ITALY

DISCIPLINARY COMPETENCIES
ATMOSPHERIC, WATER, AND SOIL POLLUTION
METEOROLOGY

## NETHERLANDS

1194 ASMAN, WILLIAM A.H. 030 533276
INST. FOR METEOROLOGY AND OCEANOGRAPHY
STATE UNIVERSITY OF UTRECHT
5 PRINCETONPLEIN
3584 CC UTRECHT, THE NETHERLANDS

DISCIPLINARY COMPETENCIES
CHEMISTRY
METEOROLOGY

1195 BUIJSMAN, ED 030 533276
INSTITUTE FOR METEOROLOGY AND OCEANOGRAPHY
STATE UNIVERSITY OF UTRECHT
PRINCETONPLEIN 5
3584 CC UTRECHT, THE NETHERLANDS

DISCIPLINARY COMPETENCIES
CHEMISTRY

1196 DE WIK, TOKE 03434 2G41
RESEARCH INSTITUTE FOR NATURE MANAGEMENT
RASTEEL BROEHHNIZEN POSTBUS 46
3G56 ZR LEERSUM, THE NETHERLANDS

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY

1197 DEN HARTOG, C.
PROFESSOR
LABORATORY OF AQUATIC ECOLOGY
CATHOLIC UNIVERSITY
TOERNOOIVELD
NIJMEGEN, THE NETHERLANDS

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY
LIMNOLOGY

1198 REIJNDERS, H.F.R. 030 742061
RESEARCH INSTITUTE FOR PUBLIC HEALTH
PO BOX 1
3720 BA BILTHOVEN, UTRECHT
THE NETHERLANDS

DISCIPLINARY COMPETENCIES
ANALYTICAL CHEMISTRY

1199 RIDDER, T.B. 030 766911
ROYAL NETHERLANDS METEOROLOGICAL INSTITUTE (KNMI)
PO BOX 201
3730 AE DE BILT, THE NETHERLANDS

DISCIPLINARY COMPETENCIES
METEOROLOGY

1200 ROELOFS, J.G.M. 08850 558833
LABORATORY OF AQUATIC ECOLOGY
CATHOLIC UNIVERSITY
TOERNOOIVELD
6525 E D NIJMEGEN, THE NETHERLANDS

DISCIPLINARY COMPETENCIES
AQUATIC ECOLOGY

1201 VAN BREEMEN, NICO 08370 82424
DEPARTMENT OF SOIL SCIENCE AND GEOLOGY
AGRICULTURAL UNIVERSITY
PO BOX 37, 6700 AA WAGENINGEN
WAGENING, GELDERLAND, THE NETHERLANDS

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY
SOIL CHEMISTRY
SOIL SCIENCE

1202 VAN DAM, HERMAN 03434 2941
HYDROBIOLOGIST
RESEARCH INSTITUTE FOR NATURE MANAGEMENT (RIN)
PO BOX 46
3956 ZR LEERSUM, THE NETHERLANDS

DISCIPLINARY COMPETENCIES
HYDROBIOLOGY,ESP. DIATOMS

1203 VAN DOBBEN, H.F. 03434 2G41
RESEARCH INSTITUTE FOR NATURE MANAGEMENT
RASTEEL BROEHHNIZEN POSTBUS 46
3G56 ZR LEERSUM, THE NETHERLANDS

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY

1204 VAN HAM, J. 15 569330
STUDY AND INFORMATION CENTRE FOR
ENVIRONMENTAL RESEARCH (SCMO-TNO)
PO BOX 186
2600 AD DELFT, THE NETHERLANDS

DISCIPLINARY COMPETENCIES
AIR POLLUTION CHEMISTRY
ENVIRONMENTAL CHEMISTRY
ENVIRONMENTAL RESEARCH POLICY

## NORWAY

1205 ABRAHAMSEN, GUNNAR 02 94 11 60
NORWEGIAN FOREST RESEARCH INSTITUTE
N-1432 AS-NLH OSLO, NORWAY

DISCIPLINARY COMPETENCIES
FOREST ECOLOGY
SOIL ZOOLOGY

1206 ALFHEIM, INGRID 02 69 58 80
RESEARCH SCIENTIST
ENVIRONMENTAL CHEMISTRY
CENTRAL INSTITUTE FOR INDUSTRIAL
RESEARCH
FORSKNINGSV 1 PO BOX 350 BLINDERN
OSLO, NORWAY

DISCIPLINARY COMPETENCIES
AEROSOL ANALYSIS
RAIN ANALYSIS
SOIL SCIENCE

1207 BERGE, FRODE 61 32273
UNIVERSITY OF MAINE AT ORONO
2920 LEIRA, NORWAY

DISCIPLINARY COMPETENCIES
PALEOLIMNOLOGY

1208 BJORSETH, ALF
RESEARCH MANAGER
CENTRAL INST. FOR INDUSTRIAL RESEARCH
FORSKNINGSV 1, PO BOX 350 BLINDERN
OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY

1209 BRAEKKE, FINN H. 02 94 11 60
NORWEGIAN FOREST RESEARCH INSTITUTE
BOX 61, 1432 AS-NLH
OSLO, NORWAY

DISCIPLINARY COMPETENCIES
ECOPHYSIOLOGY OF FORESTS
HYDROCHEMISTRY

1210 CHRISTOPHERSEN, NILS 02 695880
RESEARCH SCIENTIST
CENTRAL INST. FOR INDUSTRIAL RESEARCH
PO BOX 350, BLINDERN,
OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
HYDROCHEMICAL MODELS FOR RUNOFF
QUALITY

1211 DAHL, JOHN BLESSUM 712560
SECTION LEADER
INSTITUTE FOR ENERGY TECHNOLOGY
PO BOX 40
N-2007 KJELLER, NORWAY

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL STUDIES
RADIOACTIVE TRACING

1212 DOVLAND, HARALD 02 71 41 70
PROJECT MANAGER
NORWEGIAN INSTITUTE FOR AIR RESEARCH
PO BOX 130
N-2001 LILLESTROM, NORWAY

DISCIPLINARY COMPETENCIES
LONG-RANGE TRANSPORT OF AIR
POLLUTANTS
MONITORING-AIR AND PRECIPITATION
QUALITY

1213 FUGELLI, KJELL
INSTITUTE OF ZOOPHYSIOLOGY
UNIVERSITY OF OSLO
PO BOX 1051, BLINDERN
OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
PHYSIOLOGY (FISH)

1214 GJEDREM, TRYGUE
RESEARCH DIRECTOR
RESEARCH STATIONS FOR SALMONIDS
PO BOX 24
N-1432 AS-NLH OSLO, NORWAY

DISCIPLINARY COMPETENCIES
GENETICS BREEDING AND SELECTION

1215 GJESSING, EGIL 472 23 52 80
RESEARCH SCIENTIST
NORWEGIAN INSTITUTE FOR WATER RESEARCH
PO BOX 333, BLINDERN
OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
HUMIC WATERS
WATER CHEMISTRY

1216 GRANDE, MAGNE 472 23 52 80
RESEARCH SCIENTIST
NORWEGIAN INSTITUTE FOR WATER RESEARCH
PO BOX 333, BLINDERN
OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
FISH BIOLOGY
TOXICOLOGY

1217 GROFERUD, OLAV 02 940060
DEPARTMENT OF HYDROTECHNIQUES
AGRICULTURAL UNIVERSITY OF NORWAY
N-1432 AS-NLH OSLO, NORWAY

DISCIPLINARY COMPETENCIES
HYDROCHEMISTRY
HYDROLOGY
LIMNOLOGY

1218 HAAGENRUD, SVEIN ERIK
ENGINEER
NORWEGIAN INSTITUTE FOR AIR RESEARCH
PO BOX 130
N-2001 LILLESTROM, NORWAY

DISCIPLINARY COMPETENCIES
CHEMICAL ENGINEERING
CORROSION AND MATERIAL SCIENCE

1219 HAGVAR, SIGMUND 94 11 60
RESEARCHER
NORWEGIAN FOREST RESEARCH INSTITUTE
PO BOX 61
N-1432 AS-NLH OSLO, NORWAY

DISCIPLINARY COMPETENCIES
SOIL ANIMALS (COLLEMBOLA, ACARI)

1220 HENRIKSEN, ARNE 472 23 52 80
SENIOR RESEARCH CHEMIST
NORWEGIAN INSTITUTE FOR WATER RESEARCH
P.O. BOX 333
BLINDERN, OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY AND CHEMISTRY
HYDROLOGY

1221 HORNTVEDT, RICHARD 02 941060
FOREST RESEARCH OFFICER
FOREST PATHOLOGY
NORWEGIAN FOREST RESEARCH INSTITUTE
PO BOX 62
N-1432 AS-NLH OSLO, NORWAY

DISCIPLINARY COMPETENCIES
FOREST PATHOLOGY

1222 JOHANNESSEN, MERETE 472 23 52 80
RESEARCH MANAGER
ENVIRONMENTAL ENGINEERING DIVISION
NORWEGIAN INSTITUTE FOR WATER RESEARCH
P.O. BOX 333
BLINDERN, OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY AND CHEMISTRY
HYDROLOGY

1223 JORANGER, EINAR 02 71 41 70
RESEARCH METEOROLOGIST
NORWEGIAN INSTITUTE FOR AIR RESEARCH
PO BOX 130
N-2001 LILLESTROM, NORWAY

DISCIPLINARY COMPETENCIES
MONITORING OF AIR AND PRECIPITATION QUALITY

1224 LEIVESTAD, HELGE 05 21 00 40
RESEARCH ASSISTANT
ZOOLOGICAL LABORATORY
UNIVERSITY OF BERGEN
ALLEGT. 41
N-5014 BERGEN-U, BERGEN, NORWAY

DISCIPLINARY COMPETENCIES
ANIMAL PHYSIOLOGY
ECOPHYSIOLOGY- ESP. FISH

1225 MOHN, ERIK 46 69 30
NORWEGIAN COMPUTING CENTER
FORSKNINGSVEIEN 1B
PO BOX 335, BLINDERN
OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
DATA ANALYSIS
MATHEMATICAL STASTICS

1226 MUNIZ, IVAR P 46 68 00
SENIOR RESEARCH OFFICER
INSTITUTE OF ZOOPHYSIOLOGY
UNIVERSITY OF OSLO
PO BOX 1051, BLINDERN
OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
ECOLOGY
FISH BIOLOGY
FISH PHYSIOLOGY

1227 NILSSEN, JENS PETTER 02-46 68 00
UNIVERSITY OF OSLO
ZOOLOGICAL INSTITUTE
PO BOX 1050
BLINDERN, OSLO, NORWAY

DISCIPLINARY COMPETENCIES
LIMING OF ACIDIC LAKES
ZOOPLANKTON

1228 NJOS, ARNOR 02 940060
PROFESSOR
DEPARTMENT OF SOIL FERTILITY AND MANAGEMENT
AGRICULTURAL UNIVERSITY OF NORWAY
N-1432 AS-NLH OSLO, NORWAY

DISCIPLINARY COMPETENCIES
SOIL PHYSICS
WATER STORAGE IN SOIL
SNOW MELT RUN OFF

1229 OKLAND, JAN 02 46 6800
ASSOCIATE PROFESSOR
SECTION OF LIMNOLOGY
UNIVERSITY OF OSLO
PO BOX 1027, BLINDERN
OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
BOTTOM FAUNA IN FRESH WATER ESP. SNAILS
FRESH-WATER ECOLOGY

1230 OKLAND, KAREN ANNA 02 466800
RESEARCH SCIENTIST
INSTITUTE OF MARINE BIOLOGY AND LIMNOLOGY
SECTION OF LIMNOLOGY
UNIVERSITY OF OSLO
PO BOX 1027, BLINDERN
OSLO 8, NORWAY

DISCIPLINARY COMPETENCIES
BOTTOM INVERTEBRATES IN NORWAY FRESH WATER DISTRIBUTION AND ECOLOGY

1231 OTTAR, BRYNJULF 02 71 41 70
DIRECTOR
NORWEGIAN INSTITUTE FOR AIR RESEARCH
PO BOX 130
N-2001 LILLESTROM, NORWAY

DISCIPLINARY COMPETENCIES
CHEMICAL ANALYSIS
DEPOSITION IN WATERSHEDS
LONG-RANGE TRANSPORT

1232 RADDUM, GUNNAR GIHLE 05 21 20 40
RESEARCH ASSISTANT
DEPARTMENT OF ANIMAL ECOLOGY
MUSEUM OF ZOOLOGY
MUSEPL. 3, N-5014 BERGEN UNIV
N-5014 BERGEN UNIV, BERGEN, NORWAY

DISCIPLINARY COMPETENCIES
FRESHWATER ECOSYSTEMS- INVERTEBRATE COMMUNITIES, FISH PRODUCTION

1233 ROSSELAND, BJORN OLAV 02 941060
RESEARCH BIOLOGIST
FISH RESEARCH DIVISION
DIRECTORATE-WILDLIFE AND FRESHWATER FISH
PO BOX 63
N-1432 AS-NLH OSLO, NORWAY

DISCIPLINARY COMPETENCIES
FISH BIOLOGIST
FISH PHYSIOLOGIST

1234 SCHAUG, JAN 02 714170
RESEARCH SCIENTIST
NORWEGIAN INSTITUTE FOR AIR RESEARCH
PO BOX 130
N-2001 LILLESTROM, NORWAY

DISCIPLINARY COMPETENCIES
AIR AND PRECIPITATION CHEMISTRY
DATA MANAGEMENT
PHYSICAL CHEMISTRY

1235 SEIP, HANS M 02 695880
PROFESSOR
CENTRAL INSTITUTE FOR INDUSTRIAL RESEARCH
FORSKNINGSV. 1, BLINDERN
OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
CHEMISTRY
MATHEMATICAL MODELLING

1236 SEMB, ARNE
SENIOR RESEARCH SCIENTIST
NORWEGIAN INSTITUTE FOR AIR RESEARCH
PO BOX 130
N-2001 LILLESTROM, NORWAY

DISCIPLINARY COMPETENCIES
AEROSOL CHEMISTRY
INORGANIC ANALYTICAL CHEMISTRY
PRECIPITATION CHEMISTRY

1237 SINGH, BAL RAM 94 00 60
ASSOCIATE PROFESSOR
INSTITUTE OF SOIL FERTILITY
AGRICULTURAL UNIVERSITY OF NORWAY
PO BOX 28
N-1432 AS-NLH OSLO, NORWAY

DISCIPLINARY COMPETENCIES
PLANT NUTRITION
SOIL CHEMISTRY
SOIL FERTILITY

1238 SKARTVEIT, ARVID 05 212040
GEOPHYSICAL INSTITUTE
UNIVERSITY OF BERGEN
N-5014 BERGEN, NORWAY

DISCIPLINARY COMPETENCIES
GEOCHEMICAL HYDROLOGY
METEOROLOGY

1239 STRAND, LARS 02 941160
PROFESSOR
NORWEGIAN FOREST RESEARCH INSTITUTE
PO BOX 61
N-1432 AS-NLH OSLO, NORWAY

DISCIPLINARY COMPETENCIES
BIOMETRY
COMPUTERS
FOREST MENSURATION

1240 STUANES, ARNE O. 02 941160
RESEARCH OFFICER
NORWEGIAN FOREST RESEARCH INSTITUTE
PO BOX 61
N-1432 AS-NLH OSLO, NORWAY

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY
SOIL SCIENCE

1241 THORALF, ROSENQVIST IVAN 02 466800
PROFESSOR
INSTITUTE FOR GEOLOGY
UNIVERSITY OF OSLO
PO BOX 1047 BLINDERN
OSLO, NORWAY

DISCIPLINARY COMPETENCIES
CHEMISTRY
MINERALOGY

1242 TOLLAN, ARNE 472 23 52 80
DEPUTY DIRECTOR
NORWEGIAN INSTITUTE FOR WATER RESEARCH
P.O. BOX 333
BLINDERN, OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
HYDROLOGY
WATER QUALITY
RESEARCH MANAGEMENT

1243 TRAAEN, TOR S. 02 23 52 80
CIVIL ENGINEER
NORWEGIAN INSTITUTE FOR WATER RESEARCH
(NIVA)
BOX 333, BLINDERN
OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
DECOMPOSITION OF ORGANIC MATTER IN
AQUATIC ENVIRONMENTS

1244 TVEITE, BJORN 02 94 11 60
ASSOCIATE PROFESSOR
NORWEGIAN FOREST RESEARCH INSTITUTE
PO BOX 61, AS-NLH
N-1432 AS-NLH OSLO, NORWAY

DISCIPLINARY COMPETENCIES
FOREST GROWTH AND YIELD STUDIES

1245 VITOLS, VAL 02 71 41 70
RESEARCH SCIENTIST
NORWEGIAN INSTITUTE FOR AIR RESEARCH
(NILU)
PO BOX 130
N-2001 LILLESTROM, NORWAY

DISCIPLINARY COMPETENCIES
AEROSOLS-GENERATION, MEASUREMENT

1246 WALLOE, LARS 46 68 00
PROFESSOR
INSTITUTE OF INFORMATICS
UNIVERSITY OF OSLO
PO BOX 1080 BLINDERN
OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
SIMULATION STUDIES OF NATURAL
SYSTEMS
SYSTEM SCIENCE

1247 WRIGHT, RICHARD F. 472 23 52 80
NORWEGIAN INSTITUTE FOR WATER RESEARCH
P.O. BOX 333
BLINDERN, OSLO 3, NORWAY

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY AND CHEMISTRY
HYDROLOGY

## POLAND

1248 CHLODNY, JOZEF 512-542
DEPARTMENT OF INDUSTRIAL REGION
FOREST MANAGEMENT
UL. HUBERTA 35
40-952 KATOWICE, POLAND

DISCIPLINARY COMPETENCIES
ENTOMOLOGY

1249 DUTKIEWICZ, TADEUSZ 537 197
PROFESSOR
ENVIRONMENTAL POLLUTION ABATEMENT CENTRE
UL. KOSSUTHA 6 KATOWICE
40-832 KATOWICZ, POLAND

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL TOXICOLOGY

1250 FABISZEWSKI, JERZY 2225-64
INST OF PLANT BIOLOGY AND BIOPHYSICS
32 CYBULSKIEGO STR.
50-205 WROCKAW, POLAND

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY

1251 GRODZINSKA, KRYSTYNA 161 44
ASSOCIATE PROFESSOR
INSTITUTE OF BOTANY
POLISH ACADEMY OF SCIENCES
DUBICZ STREET 46
31-512 CRACOW, POLAND

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY

1252 GRODZINSKI, WLADYSLAW 363-77
DIRECTOR OF INSTITUTE
DEPARTMENT OF ANIMAL ECOLOGY
INSTITUTE OF ENVIRONMENTAL BIOLOGY
JAGIELLONIAN UNIVERSITY
30-060 KRAKOW, M. KARASIA 6, POLAND

DISCIPLINARY COMPETENCIES
ORGANISMIC AND ECOSYSTEM REACTION TO ACID RAINS, SULFUR AND HEAVY METALS

1253 HAWRYS, ZBIGNIEW 512-542
DEPARTMENT OF INDUSTRIAL REGION FOREST MANAGEMENT
FOREST RESEARCH INSTITUTE
UL. HUBERTA 35
40-952 KATOWICE, POLAND

DISCIPLINARY COMPETENCIES
FORESTRY

1254 HUK, WITOLD 161-44
PROFESSOR OF NATURAL SCIENCES
VETERINARY DEPARTMENT
LABORATORY OF FISH DISEASES
31-512 CRACOW, LUBICZ STR. 46, POLAND

DISCIPLINARY COMPETENCIES
CHEMISTRY OF WATER AND FISH DISEASES

1255 JAGUSIEWICZ, ANDRZEJ 25 07 91
RESEARCH INSTITUTE ON ENVIRONMENTAL PROTECTION
UL KRZYWICKIEGO 9
02-760 WARSAW, POLAND

DISCIPLINARY COMPETENCIES
METHODOLOGY OF INVENTORY OF EMISSION SOURCES
MODELLING OF ATMOSPHERIC DISPERSION
MONITORING SYSTEM

1256 KABATA-PENDIAS, ALINA 34-21
PROFESSOR OF ENVIRONMETAL GEOCHEMISTRY
INSTITUTE OF SOIL SCIENCE AND CULTIVATION OF PLANTS (IUNG)
24-100 PULAWY, LUBLIN, POLAND

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY

1257 KASINA, STANISLAW 264-04
RESEARCH INSTITUTE FOR ENVIRONMENTAL DEVELOPMENT
ALEJE KRASINSKIEGO II B
31-111 KRAKOW, POLAND

DISCIPLINARY COMPETENCIES
ACID PRECIPITATION
ATMOSPHERIC CHEMISTRY
FIELD MEASUREMENTS OF SULFUR COMPOUNDS
SULFUR BUDGET

1258 LESINSKI, JERZY A. 191-44
INSTITUTE OF SILVICULTURE
ACADEMY OF AGRICULTURE
AL. 29 LISTOPADA
31-425 CRACOW, POLAND

DISCIPLINARY COMPETENCIES
FOREST VEGETATION IN INDUSTRIAL REGIONS

1259 LEWINSKA, JANINA 264 04
ASSISTANT PROFESSOR
RESEARCH INSTITUTE FOR ENVIRONMENTAL DEVELOPMENT
CRACOW-STR. PLAC NA STANACH 1
30-107 CRACOW, POLAND

DISCIPLINARY COMPETENCIES
CLIMATOLOGY
METEOROLOGY

1260 MORAWSKA-HORAWSKA, MARIA 257-68
INSTITUTE OF METEOROLOGY AND WATER MANAGEMENT
30-215 CRACOW, PIOTRA BOROWEGO 14 POLAND

DISCIPLINARY COMPETENCIES
METEOROLOGY

1261 MOTOWICKA-TERELAK, TERESA 34-21
INSTITUTE OF SOIL SCIENCE AND
CULTIVATION OF PLANTS (IUNG)
24-100 PULAWY, LUBLIN, POLAND

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY

1262 OLSZOWSKI, JANUSZ 512-547
DEPARTMENT OF INDUSTRIAL REGION FOREST
MANAGEMENT
FOREST RESEARCH INSTITUTE
UL. HUBERTA 35
40-952 KATOWICE, POLAND

DISCIPLINARY COMPETENCIES
FORESTRY

1263 PACYNA, JOZEF MARIAN 679-165
ASSISTANT PROFESSOR
ENVIRONMENT PROTECTION ENGINEERING INST.
TECHNICAL UNIVERSITY OF WROCLAW
WYB. WYSPIANSKIEGO 27
50-370 WROCLAW, POLAND

DISCIPLINARY COMPETENCIES
AIR POLLUTION CONTROL
ATMOSPHERIC CHEMISTRY
CHEMICAL ENGINEERING
HEALTH HAZARDS
POLLUTION MONITORING SYSTEMS

1264 STWORZEWICZ, TOMASZ 363-77
SENIOR LECTURER
INSTITUTE OF CHEMISTRY
DEPT. OF GENERAL CHEMISTRY
JAGIELLONIAN UNIVERSITY
30-060 KRAKON, POLAND

DISCIPLINARY COMPETENCIES
ELECTROCHEMISTRY OF ION-EXCHANGE
MEMBRANES
ANALYTICAL APPLICATIONS OF
ION-SELECTIVE ELECTRODES

1265 WALCZEWSKI, JACEK 141-89
ASSISTANT PROFESSOR
INSTITUTE FOR METEOROLOGY AND WATER
MANAGEMENT
UL. BOROWEGO 14,
30-215 PL. KRAKOW, POLAND

DISCIPLINARY COMPETENCIES
REMOTE SENSING MEASUREMENT
TECHNIQUES

1266 WROBEL, STANISLAW 161-44
PROFESSOR OF NATURAL SCIENCES
RESEARCH CENTRE FOR THE PROTECTION OF
NATURE AND NATURAL RESOURCES PAS
31-512 CRACOW, LUBICZ STR. 46, POLAND

DISCIPLINARY COMPETENCIES
CHEMISTRY OF SOILS AND WATERS

1267 ZWOLINSKI, JOZEF 512-542
DEPARTMENT OF INDUSTRIAL REGION FOREST
MANAGEMENT
UL. HUBERTA 35
40-952 KATOWICE, POLAND

DISCIPLINARY COMPETENCIES
SOIL MICROBIOLOGY

## SWEDEN

1268 ANDERSSON, B. INGVAR 031 81 02 80
BIOLOGIST
SWEDISH WATER AND AIR POLLUTION RESEARCH
LABORATORY (IVL)
BOX 5207
S-402 24 GOTEBORG, SWEDEN

DISCIPLINARY COMPETENCIES
LIMNOLOGY
MICROBIOLOGY

1269 ANDERSSON, FOLKE 018 10 20 00
PROFESSOR
DEPT OF ECOLOGY AND ENVIRONMENTAL RES
SWEDISH UNIVERSITY OF AGRIC. SCIENCES
S-750 07 UPPSALA, SWEDEN

DISCIPLINARY COMPETENCIES
ECOSYSTEM ECOLOGY

1270 ANDERSSON, GUNNAR 046 10 70 00
INSTITUTE OF LIMNOLOGY
UNIVERSITY OF LUND
PO BOX 3060
S-220 03 LUND, SWEDEN

DISCIPLINARY COMPETENCIES
EFFECTS OF ACIDIFICATION ON
SEDIMENT PROCESSES

1271 ANDERSSON, PAUL 08 98 13 20
RESEARCH DEPARTMENT
NATIONAL SWEDISH ENVIRONMENT PROTECTION
BOARD
BOX 1302
S-171 25 SOLNA, SWEDEN

DISCIPLINARY COMPETENCIES
LIMING OF LAKES
MERCURY IN BIOTA
METALS IN ACIDIFIED WATERS

1272 BENGTSON, CURT 031 81 02 80
SWEDISH WATER AND AIR POLLUTION RESEARCH
INSTITUTE (IVL)
PO BOX 5207
S-402 24 GOTEBORG, SWEDEN

DISCIPLINARY COMPETENCIES
PLANT PHYSIOLOGY

1273 BERG, BJORN 018 10 20 00
ASSISTANT PROFESSOR
DEPT OF ECOLOGY AND ENVIRONMENTAL RES.
SWEDISH UNIVERSITY OF AGRIC. SCIENCES
S-750 07 UPPSALA, SWEDEN

DISCIPLINARY COMPETENCIES
CHEMISTRY
LITTER DECOMPOSITION/INTHE SWEDISH
CONIFEROUS FOREST PROJECT
MICROBIOLOGY

1274 BERGHOLM, JOHAN 018 10 20 00
ASSISTANT
DEPARTMENT OF ECOCHEMISTRY
INSTITUTION OF SOIL SCIENCE
SWEDISH UNIVERSITY OF AGRICULTURE
S-750 07 UPPSALA 7, SWEDEN

DISCIPLINARY COMPETENCIES
HEAVY METALS IN SOILS
SOIL ACIDIFICATION

1275 BERGKVIST, BO 046 10 70 00
RESEARCH ASSISTANT
DEPARTMENT OF PLANT ECOLOGY
UNIVERSITY OF LUND
OSTRN VALLGATAN 14
S-223 61 LUND, SWEDEN

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY

1276 BORG, HANS 08 98 13 20
THE NATIONAL SWEDISH ENVIRONMENT
PROTECTION BOARD
WATER RESEARCH LABORATORY
BOX1302
5-171 25 SOLNA, SWEDEN

DISCIPLINARY COMPETENCIES
TRACE METALS-SAMPLING, ANALYSIS,
ECOLOGICAL EFFECTS

1277 DICKSON, WILLIAM 08 98 13 20
NATIONAL SWEDISH ENVIRONMENT PROTECTION
BOARD
BOX 1302,
S-171 25 SOLNA, SWEDEN

DISCIPLINARY COMPETENCIES
WATER CHEMISTRY- LIMING ACTIVITIES
EFFECTS ON BIOTA

1278 FLEISCHER, SIEGFRIED 035 13 20 00
MANAGER
COUNTY ADMINISTRATION BOARD
NATURE CONSERVANCY SECTION
S-301 86 HALMSTAD, SWEDEN

DISCIPLINARY COMPETENCIES
LIMNOLOGY

1279 GAANSTROM, GUNNAR 046 10 70 00
INSTITUTE OF LIMNOLOGY
UNIVERSITY OF LUND
PO BOX 3060
S-220 03 LUND, SWEDEN

DISCIPLINARY COMPETENCIES
EFFECTS OF ACIDIFICATION ON
SEDIMENT PROCESSES

1280 GRAHN, OLLE 0554/12900
SWEDISH WATER AND AIR POLLUTION RES. LAB
FRYKSTA
S-665 00 KIL. VARMLAND, SWEDEN

DISCIPLINARY COMPETENCIES
AQUATIC BIOLOGY

1281 GRANAT, LENNART 08 15 01 60
DEPARTMENT OF METEOROLOGY
UNIVERSITY OF STOCKHOLM
ARRHENIUS LABORATORY
S-106 91 STOCKHOLM, SWEDEN

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY, TRANSPORT,
DEPOSITION
RAIN ANALYSIS

1282 HALLGREN, JAN-ERIK 090 16 54 73
DEPARTMENT OF PLANT PATHOLOGY
UNIVERSITY OF UMEA
S-901 87 UMEA, SWEDEN

DISCIPLINARY COMPETENCIES
AIR POLLUTION
PHOTOSYNTHESIS
PLANT ECO PHYSIOLOGY

1283 HENRIKSON, LENNART
DEPARTMENT OF ZOOLOGY
UNIVERSITY OF GOTEBORG
BOX 250 59
S-400 31 GOTEBORG, SWEDEN

DISCIPLINARY COMPETENCIES
ACTIVE FAUNA
BENTHOS
FISH AND INVERTEBRATE PREDATION
ZOOPLANKTON

1284 HORNSTROM, EINAR 08 98 13 20
THE SWEDISH ENVIRONMENT PROTECTION BOARD
BOX 302
S-171 25 SOLNA, SWEDEN

DISCIPLINARY COMPETENCIES
PHYTOPLANKTON

1285 HULTBERG, HANS 031 81 02 80
RESEARCH GROUP LEADER
SWEDISH WATER AND AIR POLLUTION RESEARCH INSTITUTE (IVL)
PO BOX 5207
S-402 24 GOTHENBURG 5, SWEDEN

DISCIPLINARY COMPETENCIES
BIOLOGICAL EFFECTS ON ACIDIFICATION, LIMING, MERCURY
LAKE AND GROUNDWATER CHEMISTRY

1286 JACKS, GUNNAR
ASSOCIATE PROFESSOR
DEPARTMENT OF LAND IMPROVEMENT
ROYAL INSTITUTE OF TECHNOLOGY
S-100 44 STOCKHOLM, SWEDEN

DISCIPLINARY COMPETENCIES
HYDROCHEMISTRY
HYDROGEOLOGY

1287 JOHANSSON, KJELL 08 98 13 20
RESEARCH DEPARTMENT
NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD
BOX 1302
S-171 25 SOLNA, SWEDEN

DISCIPLINARY COMPETENCIES
METALS IN ACIDIFIED WATERS

1288 KNUTSSON, GERT
PROFESSOR
DEPARTMENT OF LAND IMPROVEMENT
ROYAL INSTITUTE OF TECHNOLOGY
S-100 44 STOCKHOLM, SWEDEN

DISCIPLINARY COMPETENCIES
CIVIL ENGINEERING
GEOLOGY
HYDROGEOLOGY
LAND USE PLANNING

1289 LAZAREK, STANISLAW 018 10 70 00
RESEARCHER
INSTITUTE OF LIMNOLOGY
UNIVERSITY OF LUND
PO BOX 3060
S-220 03 LUND, SWEDEN

DISCIPLINARY COMPETENCIES
BLUE-GREEN ALGAL MATS
EPIPHYTES
PRIMARY PRODUCTION

1290 LOHM, ULRIK
PROFESSOR
DEPT OF WATER IN NATURE AND SOCIETY
UNIVERSITY OF LINKOPING
S-58183 LINKOPING, SWEDEN

DISCIPLINARY COMPETENCIES
ECOLOGY
SOIL BIOLOGY

1291 MELKERUD, PER-ARNE 018 10 20 00
DEPARTMENT OF FOREST SOILS
SWEDISH UNIVERSITY OF AGRIC. SCIENCES
BOX 7001
S-750 07 UPPSALA, SWEDEN

DISCIPLINARY COMPETENCIES
GEOCHEMISTRY
GEOLOGY
SOIL CHEMISTRY

1292 NILSSON, INGVAR 018 10 20 00
ASSOCIATE RESEARCHER
DEPT OF ECOLOGY AND ENVIRONMENTAL RES.
SWEDISH UNIVERSITY OF AGRIC. SCIENCES
S-750 07 UPPSALA, SWEDEN

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY
SOIL CHEMISTRY

1293 NILSSON, JAN 08 98 13 20
THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD
PO BOX 1302
S-171 25 SOLNA, SWEDEN

DISCIPLINARY COMPETENCIES
PLANT ECOLOGY

1294 NOMMIK, HANS 018 10 20 00
PROFESSOR
DEPARTMENT OF FOREST SOILS
SWEDISH UNIVERSITY OF AGRIC. SCIENCES
BOX 7001
S-750 07 UPPSALA, SWEDEN

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY

1295 ODEN, SVANTE 018 10 20 00
PROFESSOR
DEPARTMENT OF SOIL SCIENCES
SWEDISH UNIVERSITY OF AGRIC. SCIENCES
S-750 07 UPPSALA, SWEDEN

DISCIPLINARY COMPETENCIES
SOIL SCIENCE

1296 OSCARSON, HANS G.
DEPARTMENT OF ZOOLOGY
UNIVERSITY OF GOTEBORG
BOX 250 59
S-400 31 GOTEBORG, SWEDEN

DISCIPLINARY COMPETENCIES
ACTIVE FAUNA
BENTHOS
FISH AND INVERTEBRATE PREDATION
ZOOPLANKTON

1297 OTTO, CHRISTIAN 046 13 15 11
ZOOLOGICAL INSTITUTE
ECOLOGY BUILDING, HELGONAV. 5
S-223 62 LUND, SWEDEN

DISCIPLINARY COMPETENCIES
AQUATIC INVERTEBRATE ECOLOGY

1298 POPOVIC, BUDIMIR 018 10 20 00
DEPARTMENT OF ECOLOGY AND ENVIRONMENTAL RESEARCH
SODRA ULTUNA II
S-752 50 UPPSALA, SWEDEN

DISCIPLINARY COMPETENCIES
SOIL CHEMISTRY

1299 RENBERG, N. A. INGEMAR 090 16 54 93
DEPARTMENT OF ECOLOGICAL BOTANY
UNICA UNIVERSITY
S-901 87 UNIEA, VESTERBELTEN, SWEDEN

DISCIPLINARY COMPETENCIES
CHEMICAL ANALYSES OF LAKE SEDIMENTS
DIATOM ANALYSES

1300 RODHE, HENNING 08 15 01 60
PROFESSOR
DEPARTMENT OF METEOROLOGY
UNIVERSITY OF STOCKHOLM, ARR LAB
S-106 91 STOCKHOLM, SWEDEN

DISCIPLINARY COMPETENCIES
AIR CHEMISTRY
LONG-RANGE TRANSPORT
PRECIPITATION SCAVENGING

1301 SKARBY, LENA 031 81 02 80
SWEDISH WATER AND AIR POLLUTION RESEARCH INSTITUTE
PO BOX 5207
S-402 24 GOTEBORG, SWEDEN

DISCIPLINARY COMPETENCIES
OZONE, NOX, AND HEAVEY METAL EFFECTS ON PLANTS

1302 SODERGREN, ANDERS 046 10 70 00
INSTITUTE OF LIMNOLOGY
UNIVERSITY OF LUND
PO BOX 3060
S-220 03 LUND, SWEDEN

DISCIPLINARY COMPETENCIES
EFFECTS OF ACIDIFICATION ON SEDIMENT PROCESSES

1303 STENSON, J.A.E. 031 41 08 00
DEPARTMENT OF ZOOLOGY
UNIVERSITY OF GOTEBORG
BOX 25059
S-400 31 GOTEBORG, SWEDEN

DISCIPLINARY COMPETENCIES
FISH-ZOOPLANKTON,PHYTOPLANKTON INTERACTIONS
INVERTEBRATE PREDATION

1304 TAMM, CARL OLOF 08 10 20 00
PROFESSOR
DEPT OF ECOLOGY AND ENVIRONMENTAL RES.
SWEDISH UNIVERSITY OF AGRIC. SCIENCES
S-750 07 UPPSALA, SWEDEN

DISCIPLINARY COMPETENCIES
PHYSIOLOGICAL BOTANY

1305 TROEDSSON, TRYGGVE 018 10 20 00
PROFESSOR
DEPARTMENT OF FOREST SOILS
SWEDISH UNIVERSITY OF AGRIC. SCIENCES
S-750 07 UPPSALA, SWEDEN

DISCIPLINARY COMPETENCIES
SOIL SCIENCES

1306 WESTMAN, LARS 090 16 54 93
ECOLOGICAL BOTANY
UMEA UNIVERSITY
S-901 87 UMEA, SWEDEN

DISCIPLINARY COMPETENCIES
ECOLOGICAL BOTANY

1307 YANSSON, PER-ERIK 018 10 20 00
DEPT OF ECOLOGY AND ENVIRONMENTAL RES.
S-750 07 UPPSALA, SWEDEN

DISCIPLINARY COMPETENCIES
HYDROLOGY-SOIL WATER MODELLING

## SWITZERLAND

1308 FUHRER, JURG 031 42 20 58
INSTITUTE OF PLANT PHYSIOLOGY
UNIVERSITY OF BERN
ALTENBERGRAIN ZI
BERN, SWITZERLAND CH-3013

DISCIPLINARY COMPETENCIES
MONITORING AIR POLLUTANTS
ECOLOGICAL AND BIOCHEMICAL EFFECTS

# UNITED KINGDOM

1309 BARNES, R. A. 235 45109
AIR QUALITY ADVISER
ESSO RESEARCH CENTRE
ABINGDON, OXFORDSHIRE, GREAT BRITAIN
UNITED KINGDOM

DISCIPLINARY COMPETENCIES
ATMOS CHEM, TRANSPORT AND DEPOSITION
MONITORING/FIELD MEASUREMENTS
POLICY AND REGULATORY OPTIONS

1310 BROWN, DAVID J. A. 0602 830591
C.E.R.L. FRESHWATER BIOLOGY UNIT
MIDLANDS REGION S.S.D.
RATCLIFFE-ON-SOAR
NOTTINGHAM, UNITED KINGDOM NG11 0EE

DISCIPLINARY COMPETENCIES
FISHERIES BIOLOGIST

1311 BROWN, KEITH ALAN 372 37 44 88
RESEARCH OFFICER
CENTRAL ELECTRICITY RESEARCH LABS
KELVIN AVENUE
LEATHERHEAD, SURREY
UNITED KINGDOM KT22 7SE

DISCIPLINARY COMPETENCIES
BIOCHEMISTRY
CHEMISTRY
MICROBIOLOGY

1312 CAPE, J. N. 031 445 4343
RESEARCH ECOLOGIST
INSTITUTE OF TERRESTRIAL ECOLOGY
BUSH ESTATE
PENICUIK, MIDLOTHIAN, SCOTLAND
UNITED KINGDOM EH26 0QB

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICS
BIOLOGY

1313 CAPE, J.N.
INSTITUTE OF TERRESTRIAL ECOLOGY
BUSH ESTATE
PENICUIK
MIDLOTHIAN, SCOTLAND, EH26 0QB
UNITED KINGDOM

DISCIPLINARY COMPETENCIES
ECOLOGY

1314 FOWLER, D. 031 445 4343
RESEARCH ECOLOGIST
INSTITUTE OF TERRESTRIAL ECOLOGY
BUSH ESTATE
PENICUIK, MIDLOTHIAN, SCOTLAND
UNITED KINGDOM EH26 0QB

DISCIPLINARY COMPETENCIES
ATMOSPHERIC PHYSICS
BIOLOGY

1315 HARRIMAN, R. 2060
FRESHWATER FISHERIES LABORATORY
FASKALLY
PITLOCHRY
PERTHSHIRE, SCOTLAND, PH16 5LB
UNITED KINGDOM

DISCIPLINARY COMPETENCIES
CHEMISTRY- ANALYSIS OF PRECIPITATION
AND FRESH WATERS

1316 HOWELLS, GWYNETH 0372 374488
HEAD OF BIOLOGY
CENTRAL ELECTRICITY RESEARCH LABORATORY
KELVIN AVENUE
LEATHERHEAD, SURREY, ENGLAND
UNITED KINGDOM KT22 7SE

DISCIPLINARY COMPETENCIES
AQUATIC ECOSYSTEMS, HYDROLOGY,
CATCHMENT ECOLOGY, FISH PHYSIOLOGY,
LEACHATE AND STREAM CHEMISTRY,
SOIL BIOCHEMISTRY, MICROBIOLOGY

1317 KALLEND, ANTHONY S. 74488
HEAD OF ENVIRONMENTAL CHEMISTRY
CENTRAL ELECTRICITY RESEARCH LABORATORY
KELVIN AVENUE
LEATHERHEAD
SURREY, UNITED KINGDOM KT22 7SE

DISCIPLINARY COMPETENCIES
ATMOSPHERIC CHEMISTRY
SURFACE WATER CHEMISTRY

1318 KINNAIRD, J.W.
INSTITUTE OF TERRESTRIAL ECOLOGY
BUSH ESTATE
PENICUIK
MIDLOTHIAN, SCOTLAND, EH26 0QB
UNITED KINGDOM

DISCIPLINARY COMPETENCIES
ECOLOGY

1319 LAST, F.T. 031-445 4343
INSTITUTE OF TERRESTRIAL ECOLOGY
BUSH ESTATE
PENICUIK
MIDLOTHIAN, SCOTLAND, EH26 0QB
UNITED KINGDOM

DISCIPLINARY COMPETENCIES
ECOLOGY

1320 LINES, ROGER 031 445 2176
FORESTRY COMMISSION
NORTHERN RESEARCH STATION
ROSLIN
MIDLOTHIAN, UNITED KINGDOM EH25 954

DISCIPLINARY COMPETENCIES
SILVICULTURE- GENETICS

1321 MARSH, ANTHONY R.
CENTRAL ELECTRICITY RESEARCH LABS
KELVIN AVENUE, CLEEVE ROAD
LEATHERHEAD, SURREY, ENGLAND
UNITED KINGDOM KT22 7SE

DISCIPLINARY COMPETENCIES
PHYSICAL CHEMISTRY

1322 MARTIN, A. 0602-830591
GROUP LEADER, ENVIRONMENTAL STUDIES
CENTRAL ELECTRICITY GENERATING BOARD
SCIENTIFIC SERVICES DEPT., CEGB
RATCLIFFE ON SOAR
NOTTINGHAM, UNITED KINGDOM NG11 OEE

DISCIPLINARY COMPETENCIES
ENVIRONMENTAL CHEMISTRY
PHYSICS

1323 MCWILLIAMS, P.G. 65201
DEPT. OF BIOLOGICAL SCIENCES
UNIVERSITY OF LANCASTER, BAILRIGG
LANCASTER,
LANCASHIRE, UNITED KINGDOM LA 1 4YQ

DISCIPLINARY COMPETENCIES
BLOOD CHEMISTRY
OSMOTIC/IONIC REGULATION

1324 MILLER, HUGH G. 0224 38611
MACAULAY INSTITUTE FOR SOIL RESEARCH
CRAIGIEBUCKLER
ABERDEEN, UNITED KINGDOM AB 9 2QJ

DISCIPLINARY COMPETENCIES
ECOLOGY
ENVIRONMENTAL CHEMISTRY
FORESTRY

1325 MORRISON, B.R.S. 2060
FRESHWATER FISHERIES LABORATORY
FASKALLY
PITLOCHRY
PERTSHIRE, SCOTLAND PH16 5LB
UNITED KINGDOM

DISCIPLINARY COMPETENCIES
FRESHWATER BIOLOGY- INVERTEBRATES

1326 NICHOLSON, I.A.
INSTITUTE OF TERRESTRIAL ECOLOGY
BUSH ESTATE
PENICUIK
MIDLOTHIAN, SCOTLAND, EH26 0QB
UNITED KINGDOM

DISCIPLINARY COMPETENCIES
ECOLOGY

1327 PATERSON, I.A.
INSTITUTE OF TERRESTRIAL ECOLOGY
BUSH ESTATE
PENICUIK
MIDLOTHIAN, SCOTLAND, EH26 0QB
UNITED KINGDOM

DISCIPLINARY COMPETENCIES
ECOLOGY

1328 PRICE, C. A. 09273 74040
HEAD OF STONE CONSERVATION SECTION
GUILDING RESEARCH STATION
GARSTON
WATFORD, HERTS WDZ 7JR
UNITED KINGDOM

DISCIPLINARY COMPETENCIES
CHEMISTRY

1329 SADLER, KEITH 0602 830591
RESEARCH OFFICER
CENTRAL ELECTRICITY RESEARCH LABS
FRESHWATER BIOLOGY UNIT
RATCLIFFE-ON-SOAR POWER STATION
NOTTINGHAM, ENGLAND
UNITED KINGDOM N911 OEE

DISCIPLINARY COMPETENCIES
FRESHWATER BIOLOGY

1330 SAUNDERS, PETER J.W. 0793 40101
NATURAL ENVIRONMENT RESEARCH COUNCIL
(HEADQUARTERS)
POLARIS HOUSE, NORTH STAR AVENUE
SWINDON, WILTSHIRE, ENGLAND SN 2 1EV

DISCIPLINARY COMPETENCIES
MULTI-DISCIPLINARY

1331 SKEFFINGTON, RICHARD 0372 374488
CENTRAL ELECTRICITY RESEARCH LABS
KELVIN AVENUE
LEATHERHEAD, SURREY, ENGLAND
UNITED KINGDOM KT22 7SE

DISCIPLINARY COMPETENCIES
HYDROLOGY
NUTRIENT CYCLING
PLANT-SOIL INTERACTIONS
SOIL AND WATER CHEMISTRY

1332 UNSWORTH, M. H. 031 445 4343
SENIOR ECOLOGIST
INSTITUTE OF TERRESTRIAL ECOLOGY
BUSH ESTATE
PENICUIK, MIDLOTHIAN, SCOTLAND
UNITED KINGDOM EH26 0QB

DISCIPLINARY COMPETENCIES
- ATMOSPHERIC PHYSICS
- BIOLOGY

# APPENDICES

The Subject Index is organized to enable the user to locate, with a subject area, researchers in a country or state/province. The number following the country/state/province abbreviation corresponds to the researcher's sequence number in the body of the Directory. The following is a list of subjects under which the disciplinary competencies, cited below each researcher's name, have been categorized.

SUBJECTS

AEROSOL FORMATION
AIR QUALITY ANALYSIS
AQUATIC BIOLOGY
ATMOS. CHEM., TRANSPORT, DEPOSITION
ATMOSPHERIC SCIENCE
BIOCHEMISTRY
BIOGEOCHEMISTRY
BIOLOGY
CHEMISTRY, ATMOSPHERIC
CHEMISTRY, CONTROL
CHEMISTRY, EMISSIONS
CHEMISTRY, ENVIRONMENTAL
CHEMISTRY, MONITORING
COMBUSTION
CONTROL TECHNOLOGIES
DATA MANAGEMENT
ECOLOGY
ECONOMICS
EMISSIONS
ENGINEERING, ATMOSPHERIC
ENGINEERING, CONTROL
ENGINEERING, EMISSIONS
ENGINEERING, MONITORING
ENTOMOLOGY
ENVIRONMENTAL ASSESSMENT
ENVIROMENTAL EFFECTS
EPIDEMIOLOGY, TOXICOLOGY
FISHERIES
FORESTRY
GEOCHEMISTRY
GEOLOGY
HYDROLOGY
INFORMATION SYSTEMS
LEGISLATION
LIMNOLOGY
MATERIALS SCIENCE
METALLURGY
METEOROLOGY
MICROBIOLOGY
MITIGATION
MODELING, ATMOSPHERIC
MODELING, CONTROL
MODELING, EMISSIONS
MODELING, ENVIRONMENTAL
MODELING, FIELD MEASUREMENTS
NATURAL RESOURCE MANAGEMENT
NEMATOLOGY
OCEANOGRAPHY
PALEOLIMNOLOGY
PHYSICS, ATMOSPHERIC
PHYSICS, CONTROL
PHYSICS, EMISSIONS
PHYSICS, ENVIRONMENTAL
PHYSICS, MONITORING
PHYSIOLOGY
PLANNING AND ADMINISTRATION
PLANT SCIENCE
POLICY AND REGULATORY OPTIONS
POLLUTANT FORMATION
POWER PLANTS
RAIN ANALYSIS
REGULATORY RESPONSIBILITIES
REMOTE SENSING
SOIL SCIENCE
STATISTICS
SYNTHETIC FUELS
WATER QUALITY ANALYSIS
ZOOLOGY

# SUBJECT INDEX

AEROSOL FORMATION
  UNITED STATES: AK-223,AZ-225,CA-244, CA-247,CA-292,CA-296,CA-299,CA-314, CA-321,CA-331,CO-356,DC-402,FL-423, IL-473,IN-502,MN-617,MN-626,MN-627, NJ-663,NM-677,NY-752,NY-755,NY-759, NC-829,NC-833,NC-857,OR-916,PA-937, PA-942,TX-1005
  EUROPE: ITL-1181,NOR-1236,NOR-1245

AIR QUALITY ANALYSIS
  CANADA: B.C-21,N.S-68,ONT-102
  UNITED STATES: AL-211,AL-218,CA-240, CA-245,CA-264,CA-265,CO-340,CO-364, IL-471,MT-635,MT-637,NV-644,NM-682, NY-753,NY-765,ND-872,ND-877,OH-899, UT-1016,WI-1105,WY-1130
  EUROPE: FRN-1164,FRN-1165,FRN-1174, NOR-1206,NOR-1223,NOR-1231

AQUATIC BIOLOGY
  CANADA: B.C-22,MAN-29,MAN-30,MAN-32, MAN-34,MAN-35,N.B-41,N.S-56,N.S-59, N.S-61,ONT-72,ONT-85,ONT-91,ONT-96, ONT-136,ONT-142,ONT-179,QUE-182, QUE-194,QUE-196,QUE-198
  UNITED STATES: AL-209,AL-220,AK-222, AK-224,CA-251,CA-324,CA-328,GA-445, IL-491,ME-518,ME-521,ME-523,ME-529, MD-547,MD-556,MD-558,MI-577,MN-597, MN-609,MN-610,MN-616,MN-628,MT-636, NH-650,NJ-664,NY-693,NY-717,NY-728, NY-730,NY-750,NY-774,NY-776,NY-786, NY-790,NY-795,NY-798,NY-803,NC-311, NC-839,NC-847,NC-871,OR-911,OR-917, OR-926,OR-929,PA-943,PA-949,TN-982, TN-991,VT-1029,VA-1040,VA-1043, WA-1065,WA-1088,WA-1093,WI-1107, WI-1109,WI-1116,WI-1122,WI-1124
  EUROPE: BEL-1134,BEL-1135,BEL-1136, NET-1202,NOR-1227,NOR-1230,NOR-1232, SWE-1277,SWE-1280,SWE-1283,SWE-1284, SWE-1285,SWE-1289,SWE-1296,SWE-1297, UK-1325,UK-1329

ATMOS. CHEM., TRANSPORT, DEPOSITION
  CANADA: ALB-8,ALB-15,ALB-16,N.B-41, NFL-50,N.S-61,ONT-74,ONT-83,ONT-84, ONT-95,ONT-100,ONT-127,ONT-130, ONT-135,ONT-137,ONT-140,ONT-164, ONT-175,ONT-176,ONT-178,ONT-180, QUE-186,SAS-202,SAS-203,SAS-204, SAS-208
  UNITED STATES: AL-212,AL-214,AK-221, AZ-225,CA-247,CA-250,CA-258,CA-267, CA-272,CA-273,CA-274,CA-277,CA-279, CA-283,CA-284,CA-292,CA-298,CA-299, CA-303,CA-313,CA-314,CA-315,CA-319, CA-321,CA-323,CA-334,CA-335,CO-337, CO-338,CO-345,CO-348,CO-349,CO-351, CO-353,CO-358,CT-365,DC-374,DC-375, DC-378,DC-382,DC-405,DC-406,FL-417, FL-430,GA-439,GA-440,ID-451,IL-456, IL-459,IL-460,IL-464,IL-473,IL-476, IL-478,IL-480,IL-484,IL-485,IL-489, IL-490,IL-493,IL-495,IA-503,KY-510, ME-520,MD-534,MD-543,MD-550,MD-552, MA-560,MA-563,MA-567,MA-569,MA-572, MA-574,MI-581,MI-595,MN-598,MN-612, MN-619,MN-622,MN-626,MS-629,MO-633, MT-638,MT-640,NV-646,NH-654,NH-659, NJ-663,NJ-664,NJ-667,NM-671,NM-672, NM-682,NY-684,NY-690,NY-714,NY-736, NY-737,NY-739,NY-742,NY-748,NY-752, NY-768,NY-788,NY-796,NC-812,NC-817, NC-825,NC-826,NC-829,NC-833,NC-854, NC-857,NC-867,NC-870,ND-872,ND-873, OH-881,OH-882,OH-903,OR-916,OR-924, PA-937,PA-942,PA-955,PA-956,RI-958, RI-959,SC-966,TN-978,UT-1017,UT-1019, UT-1020,UT-1021,VT-1027,VA-1041, VA-1045,VA-1049,VA-1054,VA-1060, WA-1063,WA-1066,WA-1072,WA-1076, WA-1078,WA-1080,WA-1082,WA-1090, WV-1097,WI-1104,WY-1128
  EUROPE: FRG-1143,FRG-1145,FRN-1164, FRN-1167,FRN-1168,FRN-1171,ITL-1177, ITL-1181,ITL-1187,ITL-1189,NET-1194, NOR-1208,NOR-1212,NOR-1231,POL-1257, POL-1263,SWE-1281,SWE-1300,UK-1309, UK-1312,UK-1313,UK-1314,UK-1317, UK-1318,UK-1319,UK-1326,UK-1327, UK-1332

ATMOSPHERIC SCIENCE
  CANADA: ONT-123,QUE-187
  UNITED STATES: AL-215,CA-290,GA-438, MI-595,MI-596,NY-686,NY-719,NY-722, NY-770,NY-789,NY-805,OR-916,VA-1052

BIOCHEMISTRY
  UNITED STATES: CA-262,CA-263,CA-276, CA-327,FL-420,IL-452,IL-474,IA-505, IA-507,MA-562,MN-600,NM-671,NY-706, NY-769,OH-886,OR-915,OR-918,WA-1067, WA-1068,WA-1073,WA-1092,WA-1095, WI-1112
  EUROPE: SWZ-1308,UK-1311

BIOGEOCHEMISTRY
  CANADA: N.S-60
  UNITED STATES: AZ-232,CA-298,CA-317, CA-332,CO-352,DC-379,ID-448,IL-453, ME-517,ME-522,MI-591,MN-605,NH-659, NY-702,NY-705,NY-708,NY-751,NY-764, NC-813,NC-869,OH-880,OH-884,OR-910, TN-983,TN-989,VT-1035,WA-1069, WV-1099,WI-1103
  EUROPE: FRG-1149,ITL-1178,ITL-1184, NOR-1243,POL-1257,SWE-1273,UK-1331

BIOLOGY
  CANADA: ONT-77,ONT-86,ONT-97,QUE-182, QUE-188,QUE-200
  UNITED STATES: CA-270,CA-276,CA-280, CO-361,DC-381,DC-394,LA-512,LA-513, ME-525,MD-532,NY-756,NY-760,NY-782, NY-785,NC-868,OH-893,OK-908,OR-919, TX-1008,WA-1074,WA-1075,WI-1123
  EUROPE: ITL-1186,UK-1329

CHEMISTRY, ATMOSPHERIC
  CANADA: NFL-50,ONT-111,ONT-150, ONT-155,ONT-173
  UNITED STATES: AL-214,AK-221,AK-223, AZ-228,AZ-231,CA-244,CA-272,CA-278, CA-286,CA-287,CA-291,CA-302,CA-304, CA-313,CO-339,CO-347,CO-351,CO-357, CO-359,DC-398,FL-416,FL-418,FL-423, FL-433,GA-439,GA-440,IL-469,IL-478,

IL-486,MD-534,MD-536,MD-554,MI-589,
MI-590,MN-621,MS-629,MT-638,NV-645,
NV-647,NJ-667,NM-671,NM-673,NM-678,
NM-681,NY-689,NY-702,NY-711,NY-719,
NY-742,NY-759,NY-768,NY-770,NY-793,
NY-796,NC-812,NC-829,NC-833,NC-862,
OH-879,OH-902,OR-924,PA-935,RI-960,
SC-961,SC-969,TN-988,TX-1005,UT-1016,
VT-1027,WA-1077,WA-1080,WA-1094
EUROPE: FRN-1170,HUN-1175,ITL-1182,
NET-1195,NOR-1235,NOR-1236

CHEMISTRY, CONTROL
UNITED STATES: CA-257,GA-446,WA-1083,
WY-1129

CHEMISTRY, EMISSIONS
UNITED STATES: CA-287,CA-325,CT-368,
ID-449,NC-843,NC-846,NC-870

CHEMISTRY, ENVIRONMENTAL
CANADA: N.S-57,N.S-64,ONT-80,ONT-86,
ONT-92,ONT-96,ONT-122,ONT-132,
ONT-149,QUE-188,QUE-189,QUE-198,
QUE-201
UNITED STATES: AL-217,CA-256,CA-266,
CA-269,CA-274,CA-281,CA-285,CA-287,
CA-300,CA-304,CA-336,CO-341,DC-404,
FL-425,FL-432,FL-433,IL-467,IL-469,
IL-472,IA-507,ME-515,MD-539,MD-556,
MI-580,MI-594,MN-599,MN-602,MN-604,
MN-618,MN-621,MN-625,MS-631,MT-639,
NH-652,NH-656,NM-674,NM-679,NY-702,
NY-709,NY-710,NY-712,NY-728,NY-730,
NY-738,NY-739,NY-757,NY-764,NY-783,
NY-784,NY-786,NY-799,NC-838,NC-863,
OH-893,PA-946,PA-949,PA-953,RI-958,
SC-962,TN-987,TN-997,TN-1000,TX-1007,
TX-1009,VT-1023,VT-1024,VT-1029,
VA-1038,VA-1045,VA-1050,VA-1058,
WA-1074,WA-1075,WA-1085,WI-1104,
WI-1106,WI-1123
EUROPE: CZE-1138,ITL-1179,NET-1198,
NET-1204,NOR-1209,NOR-1215,NOR-1220,
NOR-1241,POL-1254,POL-1266,SWE-1273,
SWE-1276,SWE-1277,SWE-1285,SWE-1286,
SWE-1287,UK-1311,UK-1315,UK-1317,
UK-1321,UK-1324,UK-1328

CHEMISTRY, MONITORING
CANADA: N.B-47,N.S-63,N.S-65,N.S-69,
ONT-79,ONT-125,ONT-172,ONT-177
UNITED STATES: CA-264,CA-265,CA-326,
CA-329,CO-360,DC-402,FL-416,FL-424,
IL-465,IN-499,MA-575,MN-621,MT-639,
NH-661,NM-678,NY-690,NY-695,NY-707,
NY-711,NY-726,NY-731,NY-746,NY-782,
NC-830,NC-843,NC-845,NC-855,NC-863,
OR-922,UT-1018,VA-1053
EUROPE: CZE-1137,FIN-1157,FRN-1165,
FRN-1169,FRN-1174,ITL-1183,ITL-1191,
NOR-1234,POL-1264,SWE-1276,UK-1315,
UK-1322

COMBUSTION
UNITED STATES: CA-325,CT-368,KS-508,
TX-1010

CONTROL TECHNOLOGIES
CANADA: ALB-2,N.S-68,ONT-93,ONT-95,
ONT-104,ONT-121,ONT-156,ONT-164,
ONT-180,QUE-191
UNITED STATES: CA-330,CT-365,DC-403,
DC-408,IL-463,IL-468,IL-470,MI-583,
MN-598,NJ-665,NJ-669,NJ-670,NY-686,
NY-761,NC-818,NC-852,OH-878,OH-887,
OH-898,PA-934,PA-941,TX-1010,TX-1014,
WV-1102,WY-1129
EUROPE: UK-1309

DATA MANAGEMENT
CANADA: ALB-8,ONT-79,ONT-165,ONT-177,
QUE-183
UNITED STATES: AL-210,DC-396,MD-537,
MI-579,MT-635,NY-692,NY-726,NC-808,
NC-810,NC-866,OH-890,OR-927,TN-976,
TN-980,TN-998,VA-1036,WI-1105
EUROPE: NOR-1225,NOR-1234,NOR-1239

ECOLOGY
CANADA: ALB-3,ALB-9,ALB-17,ALB-18,
B.C-20,B.C-22,MAN-35,N.B-42,N.B-44,
N.B-46,N.B-48,NFL-52,N.S-55,N.S-60,
N.S-62,N.S-66,N.S-69,N.S-70,ONT-75,
ONT-78,ONT-85,ONT-91,ONT-97,ONT-101,
ONT-105,ONT-112,ONT-119,ONT-131,
ONT-134,ONT-158,QUE-190,QUE-196,
QUE-200
UNITED STATES: AL-213,AZ-229,AZ-230,
AR-239,CA-243,CA-251,CA-270,CA-275,
CA-280,CA-289,CA-300,CA-304,CA-307,
CA-308,CA-311,CA-317,CA-328,CO-341,
CO-350,CO-355,CT-369,DC-377,DC-381,
DC-390,DC-392,DC-414,FL-419,FL-421,
GA-435,GA-436,HI-447,IL-461,IL-472,
IL-482,IL-494,IN-500,IA-504,IA-505,
ME-521,ME-523,ME-531,MD-539,MD-541,
MD-544,MD-547,MD-557,MA-564,MI-577,
MI-591,MN-601,MN-603,MN-605,MN-610,
MN-611,MN-628,NH-650,NH-658,NM-674,
NM-680,NY-685,NY-687,NY-693,NY-703,
NY-705,NY-711,NY-718,NY-721,NY-723,
NY-730,NY-732,NY-744,NY-747,NY-751,
NY-776,NY-779,NY-781,NY-789,NY-791,
NY-795,NY-800,NC-821,NC-827,NC-828,
NC-834,NC-839,NC-847,NC-864,NC-871,
ND-872,ND-873,OH-880,OH-886,OH-892,
OH-900,OR-910,OR-911,OR-914,OR-917,
OR-919,OR-927,PA-932,PA-951,SC-967,
TN-972,TN-974,TN-977,TN-985,TN-989,
TN-991,TN-992,TN-993,TN-995,TN-996,
TN-1002,UT-1019,VT-1031,VT-1033,
VA-1040,WA-1079,WA-1086,WV-1099,
WV-1100,WI-1103,WI-1114,WI-1115,
WI-1118,WI-1122
EUROPE: FRG-1142,FRG-1153,FIN-1155,
FIN-1161,FIN-1163,ITL-1178,ITL-1184,
NET-1196,NET-1197,NET-1200,NET-1203,
NOR-1205,NOR-1226,NOR-1229,POL-1252,
SWE-1269,SWE-1275,SWE-1290,SWE-1292,
SWE-1293,SWE-1297,UK-1312,UK-1313,
UK-1314,UK-1316,UK-1318,UK-1319,
UK-1324,UK-1326,UK-1327,UK-1332

ECONOMICS
CANADA: ONT-98,ONT-174
UNITED STATES: CA-242,CA-248,CA-309,
CA-330,CO-363,DC-377,DC-384,DC-401,
IL-481,NM-675,NY-697,NY-761,NY-766,
NY-801,WY-1125,WY-1126,WY-1127,
WY-1131

EMISSIONS
CANADA: ALB-2,ALB-4,MAN-39,ONT-170,
QUE-191
UNITED STATES: CA-330,DC-408,IL-490,

NM-682,NY-700,NY-746,NY-782,NC-818,NC-842,NC-848,NC-850,NC-851,NC-852,NC-858,NC-870,OH-890,TN-980,TX-1013,TX-1014,UT-1016
  EUROPE: POL-1255

ENGINEERING, ATMOSPHERIC
  CANADA: ONT-165
  UNITED STATES: CA-250,CA-302,CA-331,DC-389,DC-393,GA-441,ID-450,MA-563,MI-583,MS-629,NY-734,NY-749,OH-879,PA-940,PA-956,TN-982,TX-1005,TX-1007,WA-1066,WA-1076
  EUROPE: NOR-1218,POL-1263

ENGINEERING, CONTROL
  CANADA: NFL-51,N.S-58
  UNITED STATES: CA-297,DC-390,DC-392,DC-409,GA-446,OH-883,OH-904,TX-1012,VA-1048,WA-1083

ENGINEERING, EMISSIONS
  CANADA: SAS-205
  UNITED STATES: CA-297,FL-422,NC-852,OH-896,OH-898,TX-1013

ENGINEERING, MONITORING
  UNITED STATES: CA-253,FL-420,FL-428,FL-429,IN-499,MD-535,MA-573,NC-858,OH-891,TN-997,TN-1001,WA-1064

ENTOMOLOGY
  UNITED STATES: MD-558,NY-776
  EUROPE: POL-1248

ENVIRONMENTAL ASSESSMENT
  CANADA: B.C-21,N.S-55,N.S-62
  UNITED STATES: CA-328,DC-386,DC-407,DC-408,DC-412,DC-413,IN-496,NM-675,NY-792,NC-815,NC-819,NC-822,NC-824,NC-844,OK-908,TN-979,TN-980,TN-998,TN-1001,WI-1113

ENVIRONMENTAL EFFECTS
  CANADA: ALB-11,MAN-30,N.B-43,NFL-53,N.S-64,ONT-72,ONT-77,ONT-87,ONT-95,ONT-100,ONT-102,ONT-104,ONT-108,ONT-126,ONT-128,ONT-150,ONT-174,QUE-185
  UNITED STATES: AL-213,CA-256,CA-268,CA-320,CA-320,CA-328,CO-353,DE-371,DC-385,DC-387,DC-395,GA-445,HI-447,IL-491,IN-496,IA-506,ME-525,MD-538,MD-540,MD-542,MD-545,MD-553,MA-573,MN-604,MN-607,MN-619,MN-620,MO-633,MT-638,NJ-666,NJ-669,NY-700,NY-724,NY-725,NY-727,NY-750,NY-794,NC-822,NC-838,OR-923,OR-931,PA-945,RI-957,SC-962,SC-963,TN-976,TN-982,TN-986,TN-995,TN-1001,TN-1003,UT-1020,VT-1032,VT-1033,VA-1042,VA-1049,VA-1062,WA-1064,WA-1084,MEX-1133
  EUROPE: FRG-1148,NOR-1222,NOR-1247,SWZ-1308,UK-1330

EPIDEMIOLOGY, TOXICOLOGY
  CANADA: ALB-11,ALB-17,N.B-43,N.B-48,NFL-51,N.S-56,ONT-97,ONT-112,ONT-118,ONT-132,ONT-166
  UNITED STATES: AL-220,CA-252,CA-289,ME-521,ME-529,MD-533,MD-547,MD-558,MN-600,MN-601,MT-636,NY-701,NY-723,NY-785,NC-816,OH-900,OR-913,TN-991
  EUROPE: NOR-1216,POL-1249

FISHERIES
  CANADA: B.C-24,MAN-36,N.B-44,N.B-46,NFL-49,NFL-52,NFL-53,N.S-56,N.S-67,ONT-106,ONT-116,ONT-147,ONT-156,SAS-206
  UNITED STATES: AZ-229,ME-531,MD-547,MD-556,MI-585,MI-587,MN-597,MN-610,MN-616,NB-641,NY-717,NY-718,NY-745,NY-786,NY-803,NC-811,OR-913,OR-928,OR-930,PA-932,PA-949,WA-1088,WV-1097,WV-1101,WV-1102,WI-1115,WI-1117,WI-1120,WI-1124
  EUROPE: NOR-1213,NOR-1214,NOR-1216,NOR-1224,NOR-1226,NOR-1233,UK-1310,UK-1323,UK-1325

FORESTRY
  CANADA: ALB-3,MAN-40,N.B-48,ONT-99,ONT-132,ONT-138,ONT-141,ONT-144,QUE-200
  UNITED STATES: AR-239,CA-298,CA-333,CT-369,CT-370,FL-419,FL-426,FL-427,ID-448,IL-466,IL-482,IN-500,MI-582,MI-586,MI-592,MN-606,MN-623,MN-625,MS-631,NH-649,NH-652,NH-658,NY-711,NY-716,NY-735,NY-741,NY-747,NY-779,NC-809,NC-815,NC-820,NC-823,NC-827,NC-836,NC-853,NC-864,NC-865,OH-892,OH-907,OR-914,OR-918,PA-933,PA-939,PA-944,PA-951,PA-955,SC-967,TN-983,TN-985,TN-1000,TN-1002,TX-1006,VT-1025,VT-1026,VT-1035,WA-1069,WV-1101,WI-1114
  EUROPE: FRG-1146,FRG-1149,FIN-1155,FIN-1158,FIN-1159,FIN-1161,NOR-1205,NOR-1209,NOR-1221,NOR-1239,NOR-1244,POL-1253,POL-1258,POL-1262,UK-1324

GEOCHEMISTRY
  CANADA: MAN-33,ONT-110,ONT-114,ONT-117,ONT-151,ONT-151,ONT-161,ONT-169,QUE-192,QUE-195
  UNITED STATES: AZ-226,AR-236,AR-238,CA-269,CA-287,CA-312,CA-322,CO-357,CO-362,CT-367,DE-373,FL-417,FL-431,FL-433,IL-483,ME-520,ME-524,ME-527,MA-570,MN-602,MN-608,MN-620,NH-653,NH-654,NM-678,NY-688,NY-715,NY-773,ND-876,PA-946,TN-997,VA-1038,VA-1039,VA-1047,WA-1081,WI-1106
  EUROPE: CZE-1138,NET-1201,SWE-1291

GEOLOGY
  CANADA: N.S-66,ONT-88,ONT-103,ONT-110,ONT-159,ONT-161
  UNITED STATES: CO-346,DC-380,DC-392,ME-527,MA-570,NH-653,NY-688,NY-784,TX-1007,TX-1015,VA-1057,WA-1071,WI-1106
  EUROPE: FRN-1173,NOR-1241,SWE-1286,SWE-1288,SWE-1291

HYDROLOGY
  CANADA: ONT-114,ONT-126,ONT-144,ONT-160,ONT-162,QUE-197
  UNITED STATES: AL-209,AK-222,AK-224,CA-254,CA-260,CA-288,CA-336,CO-342,CO-346,FL-427,FL-428,FL-431,IL-483,IN-500,MA-570,MI-592,MN-611,MN-624,MN-625,MS-631,MT-634,NH-652,NH-655,NH-656,NH-658,NY-690,NY-773,NY-774,

NY-806,NC-821,NC-827,NC-864,NC-865, ND-876,OK-908,PA-936,PA-939,PA-944, PA-950,PA-954,RI-959,SD-971,TN-973, TN-997,VT-1025,VA-1055,VA-1057, WA-1071,WV-1097,WV-1098,WV-1101, WI-1105
EUROPE: FRG-1144,NOR-1209,NOR-1210, NOR-1217,NOR-1228,NOR-1238,NOR-1242, SWE-1286,SWE-1288,SWE-1307,UK-1316, UK-1331

INFORMATION SYSTEMS
UNITED STATES: MI-579,NY-754,NC-842, OR-927,TN-975,WI-1120

LEGISLATION
CANADA: ONT-163
UNITED STATES: CO-343,DC-376,DC-411

LIMNOLOGY
CANADA: B.C-26,MAN-33,MAN-37,MAN-38, N.S-60,N.S-61,N.S-66,N.S-69,N.S-70, N.S-71,N.S-71,ONT-78,ONT-80,ONT-92, ONT-112,ONT-113,ONT-115,ONT-116, ONT-118,ONT-160,ONT-166,QUE-188, QUE-195,QUE-196,SAS-206
UNITED STATES: AL-220,CA-266,CA-267, CA-275,CA-289,CA-300,CA-308,CO-352, CO-362,FL-425,IN-498,IA-504,ME-515, MI-576,MI-580,MI-594,MN-599,MN-603, MN-605,MN-607,MN-614,NB-641,NH-661, NY-694,NY-704,NY-709,NY-712,NY-725, NY-732,NY-751,NY-789,NY-807,ND-873, OR-911,OR-926,OR-930,PA-932,PA-943, PA-954,TN-999,VA-1040,VA-1045, WA-1065,WA-1071,WA-1072,WA-1074, WA-1075,WA-1085,WA-1088,WA-1093, WV-1096,WI-1109,WI-1115,WI-1117, WI-1118
EUROPE: BEL-1134,BEL-1135,BEL-1136, FIN-1160,ITL-1188,ITL-1192,NET-1197, NET-1200,NOR-1207,NOR-1217,NOR-1220, NOR-1227,NOR-1229,NOR-1230,NOR-1232, NOR-1233,NOR-1247,SWE-1268,SWE-1270, SWE-1271,SWE-1278,SWE-1279,SWE-1289, SWE-1299,SWE-1302,SWE-1303

MATERIALS SCIENCE
CANADA: ONT-89
UNITED STATES: DC-388,DC-397,MD-538, MD-540,MD-542,MD-545,MD-549,NY-689, VA-1053
EUROPE: FRN-1173,NOR-1218,UK-1328

METALLURGY
CANADA: ONT-89
UNITED STATES: DC-388

METEOROLOGY
CANADA: ALB-1,ALB-12,ALB-15,ALB-16, ALB-19,B.C-23,B.C-25,B.C-27,MAN-28, MAN-31,N.S-68,ONT-84,ONT-90,ONT-120, ONT-123,ONT-130,ONT-133,ONT-143, ONT-145,ONT-152,ONT-154,ONT-167, ONT-175,QUE-184,QUE-186,QUE-187, QUE-199,SAS-202,SAS-203,SAS-204, SAS-207,SAS-208
UNITED STATES: AL-210,AL-212,AL-216, AL-219,CA-241,CA-245,CA-246,CA-273, CA-279,CA-284,CA-293,CA-306,CO-340, CO-344,CO-345,CO-351,DE-372,DC-374, DC-380,DC-395,DC-400,DC-405,FL-418, IL-456,IL-464,IL-465,IL-484,IL-487, IL-489,IL-493,IN-502,IA-503,LA-512, LA-513,MD-536,MD-537,MD-543,MD-548, MD-552,MD-554,MA-559,MA-560,MA-565, MA-566,MA-567,MA-572,MA-574,MI-582, MI-588,MI-596,MN-615,NB-643,NV-644, NV-646,NH-657,NJ-663,NJ-665,NJ-668, NY-684,NY-696,NY-714,NY-729,NY-733, NY-743,NY-755,NY-755,NY-762,NY-767, NY-772,NY-780,NY-789,NC-819,NC-832, NC-860,NC-865,NC-867,ND-872,ND-875, ND-877,OH-881,OH-901,OH-903,PA-938, PA-948,RI-960,SC-968,SD-971,TN-978, TN-981,TN-989,VA-1052,VA-1054, VA-1055,WA-1080,WA-1089,WY-1130, MEX-1132
EUROPE: FRG-1145,FRN-1166,ITL-1180, ITL-1182,ITL-1189,ITL-1193,NET-1194, NET-1199,NOR-1238,POL-1259,POL-1260, SWE-1300

MICROBIOLOGY
CANADA: MAN-37,ONT-139,ONT-181, QUE-192
UNITED STATES: CA-263,DC-391,DC-399, FL-415,IL-475,NY-685,NY-721,NY-769, NY-771,NY-778,NC-834,NC-861,OH-886, OH-905
EUROPE: SWE-1268,SWE-1273,UK-1311, UK-1316

MITIGATION
UNITED STATES: DC-410,NY-745,NY-775, VA-1043,VA-1060

MODELING, ATMOSPHERIC
CANADA: ALB-1,ALB-7,ALB-15,ONT-73, ONT-127,ONT-133,ONT-137,ONT-145, ONT-152,ONT-154,ONT-155,ONT-168, ONT-173,ONT-175,ONT-180,QUE-184, QUE-186,QUE-189,QUE-199
UNITED STATES: AL-216,CA-245,CA-295, CA-299,CA-321,CO-339,CO-340,CO-358, DC-407,FL-418,IL-485,IA-503,KY-510, MD-536,MA-566,MA-572,MA-574,MI-588, NJ-668,NM-681,NY-702,NY-739,NY-762, NY-767,NY-772,NC-819,NC-826,NC-854, NC-860,NC-862,OH-881,OH-890,OH-901, OH-902,OH-903,PA-948,PA-956,SC-961, TX-1011,UT-1016,UT-1020
EUROPE: CZE-1139,NOR-1235,POL-1255, SWE-1300

MODELING, CONTROL
UNITED STATES: IL-470,TN-980,VA-1036

MODELING, EMISSIONS
UNITED STATES: FL-422,IL-492

MODELING, ENVIRONMENTAL
CANADA: B.C-22,N.S-55,N.S-62,QUE-190
UNITED STATES: AZ-232,AR-239,CA-255, CA-260,CA-266,CA-268,CA-274,CA-275, IL-477,IN-500,MI-587,NY-709,NY-710, NY-712,NY-740,NY-776,NY-777,NY-799, OR-911,SC-967,TN-973,TN-976,TN-982, WA-1081
EUROPE: FIN-1161,NOR-1210,NOR-1246, SWE-1307,UK-1313,UK-1318,UK-1319, UK-1326,UK-1327

MONITORING, FIELD MEASUREMENTS
CANADA: ALB-2,ALB-8,ALB-10,B.C-26, MAN-40,N.B-42,NFL-53,N.S-60,N.S-65,

ONT-74,ONT-76,ONT-82,ONT-83,ONT-94,ONT-100,ONT-135,ONT-164,ONT-169,QUE-183,QUE-191,QUE-193
UNITED STATES: AL-218,AZ-227,AZ-228,AZ-233,AR-235,CA-240,CA-253,CA-255,CA-256,CA-279,CA-282,CA-293,CA-300,CA-303,CA-315,CA-316,CA-326,CO-344,CO-348,CO-349,CO-355,CO-364,DC-382,DC-383,FL-429,FL-430,GA-438,IL-470,IL-471,IL-482,IL-488,IL-490,IN-497,ME-516,ME-519,ME-524,ME-526,ME-528,MD-544,MD-548,MD-555,MA-560,MA-565,MI-578,MI-581,MI-583,MI-584,MI-593,MI-596,MN-614,MN-619,MN-625,MT-640,NH-654,NH-660,NJ-669,NM-676,NM-680,NY-684,NY-695,NY-698,NY-707,NY-713,NY-729,NY-746,NY-758,NY-765,NY-782,NY-793,NY-804,NC-814,NC-817,NC-825,NC-827,NC-828,NC-830,NC-831,NC-837,NC-843,NC-849,NC-855,NC-858,NC-862,NC-866,NC-870,ND-874,OH-880,OH-882,OH-899,OH-902,OR-922,PA-938,PA-940,PA-952,SC-961,SC-963,SC-968,SD-971,TN-999,TN-1003,VT-1022,VT-1029,VT-1030,VT-1033,VA-1039,VA-1042,VA-1043,VA-1044,VA-1045,VA-1046,VA-1049,VA-1050,VA-1055,VA-1058,VA-1062,WA-1076,WA-1079,WA-1087,WV-1098,WI-1108,WI-1110,WI-1119,WI-1121,WI-1123,MEX-1133
EUROPE: CZE-1137,CZE-1139,ITL-1190,NOR-1211,NOR-1212,NOR-1220,NOR-1223,NOR-1231,NOR-1234,NOR-1236,POL-1255,POL-1257,POL-1263,SWZ-1308,UK-1313,UK-1318,UK-1319,UK-1326,UK-1327

NATIONAL NETWORKS
UNITED STATES: GA-438,MI-586,NC-832
EUROPE: FIN-1157

NATURAL RESOURCE MANAGEMENT
CANADA: B.C-24,N.S-54
UNITED STATES: AK-222,AK-224,AZ-233,CA-243,CA-307,FL-420,IL-458,IL-479,ME-528,MT-637,NY-747,NY-806,NY-807,OR-909,PA-936,PA-950,RI-957,SD-970,TN-995,TX-1006,WA-1086,WI-1113
EUROPE: FRG-1151,SWE-1288

NEMATOLOGY
UNITED STATES: DC-391,GA-444
EUROPE: NOR-1219

OCEANOGRAPHY
CANADA: B.C-23
UNITED STATES: CA-322,DC-398

PALEOLIMNOLOGY
CANADA: N.S-66,N.S-70,QUE-195
UNITED STATES: ME-514,ME-518,MN-603,NY-730,WA-1065

PHYSICS, ATMOSPHERIC
CANADA: MAN-31,ONT-73,ONT-111,ONT-127,ONT-167,ONT-171,ONT-173,ONT-176,SAS-207,SAS-208
UNITED STATES: AL-214,AL-215,CA-241,CA-259,CA-272,CA-278,CA-296,CA-319,CA-334,CO-337,CO-338,CO-354,CO-356,DC-375,DC-410,IL-484,IL-489,IN-502,IA-503,MD-536,MA-563,MI-596,MN-627,NB-643,NV-645,NV-646,NV-647,NJ-663,NJ-668,NY-714,NY-733,NY-748,NY-788,NC-812,OH-881,PA-935,WA-1063,WA-1070,WA-1078,WA-1094,WI-1112,WY-1130
EUROPE: HUN-1175,HUN-1176,ITL-1180,ITL-1181,ITL-1185

PHYSICS, CONTROL
UNITED STATES: TX-1012

PHYSICS, EMISSIONS
UNITED STATES: DC-410,TX-1013

PHYSICS, ENVIRONMENTAL
UNITED STATES: CA-309,ME-522,TX-1007
EUROPE: FIN-1154,FIN-1156,FIN-1162,ITL-1185,UK-1321

PHYSICS, MONITORING
UNITED STATES: NV-644,NM-683,VA-1053
EUROPE: UK-1322

PHYSIOLOGY
CANADA: ALB-9,N.B-44,N.B-46,NFL-51,N.S-56,ONT-106,ONT-107,ONT-109,ONT-146,ONT-148
UNITED STATES: AL-213,AZ-229,CA-246,CA-320,CT-366,FL-434,IL-462,IL-466,IL-472,IL-474,IA-505,MD-533,MD-546,MA-561,MI-585,MT-636,NJ-662,NY-687,NY-718,NY-727,NY-737,NY-747,NY-760,NY-774,NY-781,NY-804,NC-841,OH-888,OR-915,OR-928,TN-984,TN-990,TN-992,TN-994,VT-1026,VT-1031,VT-1032,VT-1034,WA-1087,WA-1088,WA-1091
EUROPE: NOR-1213,NOR-1224,UK-1323

PLANNING AND ADMINISTRATION
CANADA: ONT-96,ONT-149
UNITED STATES: CO-343,DC-377,DC-380,DC-384,DC-386,DC-387,DC-414,NY-691,NC-813,NC-868,OH-885,OR-917,OR-922,OR-931,TN-993,WV-1100
EUROPE: NOR-1222,NOR-1242

PLANT SCIENCE
CANADA: ALB-6,ALB-9,ALB-18,MAN-40,N.B-48,ONT-75,ONT-76,ONT-101,ONT-107,ONT-109,ONT-112,ONT-119,ONT-124,ONT-131,ONT-146,ONT-148,ONT-153,QUE-182,QUE-190
UNITED STATES: AL-213,AZ-230,AR-234,AR-237,CA-246,CA-252,CA-262,CA-271,CA-276,CA-301,CA-305,CA-307,CA-311,CA-327,CA-333,CO-361,CT-366,CT-370,DE-371,DE-372,DC-391,DC-394,DC-414,FL-421,FL-432,FL-434,GA-436,GA-437,GA-443,GA-444,IL-452,IL-454,IL-457,IL-461,IL-462,IL-472,IL-474,ME-526,MD-533,MD-535,MD-539,MD-546,MD-553,MA-561,MA-562,MA-564,MA-568,MA-571,MI-593,MI-594,MN-612,MN-613,MT-638,NB-642,NJ-662,NJ-664,NJ-666,NM-674,NY-687,NY-693,NY-699,NY-704,NY-706,NY-713,NY-720,NY-725,NY-735,NY-737,NY-744,NY-760,NY-763,NY-774,NY-779,NY-781,NY-795,NY-797,NY-802,NY-804,NC-810,NC-813,NC-816,NC-820,NC-828,NC-834,NC-835,NC-840,NC-841,NC-844,NC-847,NC-856,NC-859,NC-861,NC-868,NC-871,ND-875,OH-884,OH-885,OH-888,OH-889,OH-892,OH-894,OH-895,OH-897,OH-900,OH-906,OH-907,OR-912,OR-915,OR-918,OR-919,OR-920,OR-921,OR-925,OR-927,PA-955,SC-964,TN-974,TN-984,

TN-985,TN-990,TN-993,TN-994,TN-999,TN-1002,UT-1018,VT-1026,VT-1028,VT-1031,VT-1032,VT-1033,VT-1034,VA-1037,VA-1042,VA-1059,VA-1062,WA-1068,WA-1073,WA-1087,WA-1091,WA-1092,WA-1095,WV-1099
EUROPE: FRG-1140,FRG-1146,FRG-1147,FRG-1152,FRG-1153,FIN-1163,FRN-1166,NET-1196,NET-1203,NOR-1237,POL-1250,POL-1251,SWE-1272,SWE-1275,SWE-1282,SWE-1292,SWE-1293,SWE-1301,SWE-1304,SWE-1306,UK-1320

POLICY AND REGULATORY OPTIONS
CANADA: ALB-2,ALB-4,N.S-64,ONT-81,ONT-93,ONT-121,ONT-129,ONT-137,ONT-157,ONT-159,ONT-163,QUE-191,QUE-193
UNITED STATES: CA-248,CA-275,CA-297,CA-318,CA-330,CO-363,DC-374,DC-376,DC-379,DC-380,DC-381,DC-384,DC-386,DC-389,DC-390,DC-392,DC-393,DC-395,DC-401,DC-403,DC-407,DC-408,DC-409,DC-411,DC-412,IL-455,IL-458,IL-481,ME-529,MA-566,MN-622,NH-648,NH-657,NJ-669,NY-691,NY-734,NY-740,NY-761,NY-766,NY-767,NY-777,NY-792,NC-819,NC-822,NC-824,NC-858,OH-883,PA-934,PA-941,PA-947,VA-1051,VA-1056,VA-1061,WI-1112,WI-1116,WY-1131
EUROPE: FRN-1172,NET-1204,UK-1309

POLLUTANT FORMATION
UNITED STATES: AL-219,CT-368,KS-508,MD-532,TX-1010,TX-1014

POWER PLANTS
UNITED STATES: IL-492,MD-553,MT-635,NY-700,WI-1104

RAIN ANALYSIS
UNITED STATES: CA-329,CO-364,MA-575,NH-661,NM-672,NY-690,NY-698,NY-731,NY-765,NC-828,OH-901,OK-908,PA-952,WA-1072
EUROPE: CZE-1138,ITL-1183,ITL-1186,ITL-1188,ITL-1191,ITL-1192,NOR-1206,SWE-1281,UK-1315

REGULATORY RESPONSIBILITIES
CANADA: B.C-27,ONT-149,SAS-205
EUROPE: FRG-1151

REMOTE SENSING
UNITED STATES: CA-253,MN-615,NV-644,NV-645,NY-787,NY-791,NY-800,VA-1041
EUROPE: FRG-1146,POL-1265

SOIL SCIENCE
CANADA: ALB-3,ALB-5,ALB-6,ALB-13,ALB-14,ALB-17,MAN-40,N.B-45,ONT-88,ONT-99,ONT-103,ONT-166,QUE-193
UNITED STATES: AL-217,AZ-226,AZ-232,AR-237,CA-261,CA-263,CA-282,CA-285,CA-294,CA-298,CA-308,CA-310,CA-332,CT-369,DE-373,FL-426,FL-427,FL-432,FL-434,GA-435,GA-443,ID-448,IL-454,IL-457,IL-466,IL-467,IL-475,IL-477,IL-494,IN-501,IA-507,KY-509,LA-511,ME-517,ME-520,ME-530,MI-592,MN-606,MN-608,MN-611,MN-618,MN-623,MS-630,MS-631,MO-632,NH-651,NH-658,NH-659,NY-685,NY-708,NY-710,NY-716,NY-738,NY-771,NY-783,NC-809,NC-813,NC-823,NC-853,NC-861,NC-865,NC-869,OH-900,OH-906,OH-907,OR-909,OR-910,OR-914,OR-918,OR-921,PA-933,PA-944,PA-946,PA-953,SC-964,SC-965,SC-966,TN-983,TN-985,TN-987,TN-990,TN-1004,TX-1015,VT-1023,VA-1038,VA-1050,WA-1067,WA-1068,WA-1069,WA-1073,WA-1085,WA-1092,WA-1095,WI-1111,WI-1119
EUROPE: FRG-1141,FRG-1142,FRG-1144,FRG-1149,FRG-1150,FRG-1152,FRG-1153,FRN-1166,NET-1201,NOR-1205,NOR-1206,NOR-1219,NOR-1228,NOR-1237,NOR-1240,POL-1256,POL-1261,POL-1267,SWE-1274,SWE-1290,SWE-1291,SWE-1292,SWE-1294,SWE-1295,SWE-1298,SWE-1305,UK-1316,UK-1331

STATISTICS
CANADA: ALB-17,ONT-79,ONT-168,ONT-177
UNITED STATES: AL-218,AL-219,CA-277,CO-343,DC-400,ME-514,MI-587,MN-610,NY-740,NY-757,NC-832,NC-836,VT-1030,WA-1077,WI-1107
EUROPE: NOR-1225,NOR-1239

SYNTHETIC FUELS
UNITED STATES: MD-532

WATER QUALITY ANALYSIS
CANADA: N.S-63
UNITED STATES: AL-209,CA-249,CA-283,GA-442,IL-453,ME-530,MD-551,MN-624,MO-632,NM-683,NY-701,NY-740,NY-775,NY-787,NY-799,OH-884,OH-891,PA-936,PA-950,WA-1064,WI-1108
EUROPE: FIN-1160,NOR-1242

ZOOLOGY
CANADA: N.B-42,N.S-71,ONT-106,ONT-113
UNITED STATES: MD-541,MD-557,MD-558,MN-600,MN-628
EUROPE: SWE-1283,SWE-1296,SWE-1303

# ALPHABETICAL INDEX

## A

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| ABER, JOHN D.<br>WI 1103 | 608/262-0533 |
| ABRAHAMSEN, GUNNAR<br>NOR 1205 | 02 94 11 60 |
| ADAMS, CINDY<br>ONT 72 | 416/286-1984 |
| ADAMS, PAUL W.<br>OR 909 | 503/754-3527 |
| ADAMS, RICHARD M.<br>WY 1125 | 307/766-6423 |
| AKLAND, GERALD G.<br>NC 808 | 919/541-2346 |
| ALBERS, PETER H.<br>MD 532 | 301/776-4880 |
| ALBERSHEIM, STEVEN R.<br>DC 374 | 202/426-3396 |
| ALBRITTON, DANIEL LEE<br>CO 337 | 303/497-5785 |
| ALDRIDGE, NEHL<br>NY 684 | 814/351-2101 |
| ALEXANDER, M.<br>NY 685 | 607/256-3264 |
| ALFHEIM, INGRID<br>NOR 1206 | 02 69 58 80 |
| ALKEZWEENY, ABDUL J.<br>WA 1063 | 509/375-3897 |
| ALLEN, H. LEE<br>NC 809 | 919/737-3500 |
| ALLEN, JERRY<br>VA 1036 | 703/893-5900 |
| ALP, ERTUGAL<br>ONT 73 | 416/630-6331 |
| ALSOP, WILLIAM R.<br>NC 810 | 919/737-3520 |
| ALTWICKER, ELMAR R.<br>NY 686 | 518/270-6367 |
| AMUNDSON, ROBERT G.<br>NY 687 | 607/257-2030 |
| ANDERSON, DENNIS S.<br>ME 514 | 207/581-7005 |
| ANDERSON, KURT W.<br>ND 872 | 701/224-2366 |
| ANDERSON, LOUISE E.<br>IL 452 | 312/996-4547 |
| ANDERSSON, B. INGVAR<br>SWE 1268 | 031 81 02 80 |
| ANDERSSON, FOLKE<br>SWE 1269 | 018 10 20 00 |
| ANDERSSON, GUNNAR<br>SWE 1270 | 046 10 70 00 |
| ANDERSSON, PAUL<br>SWE 1271 | 08 98 13 20 |
| ANDREN, ANDERS W.<br>WI 1104 | 608/262-2470 |
| ANGELO, ROBERT T.<br>ND 873 | 701/224-2366 |
| ANGLE, R. P. (RANDY)<br>ALB 1 | 403/427-5893 |
| ANGUIANO, SILVINO AGULAR<br>MEX 1132 | 5.15.31.88 |
| APPEL, BRUCE R.<br>CA 240 | 415/540-2477 |
| APRIL, RICHARD<br>NY 688 | 315/824-1000 |
| ARMENTANO, THOMAS V.<br>IN 496 | 317/283-9551 |
| ARNALDO, LIBERTI<br>ITL 1177 | 06-9005349 |
| ARNOLD, DEAN E.<br>PA 932 | 814/865-4511 |
| ARTHUR, JOHN W.<br>MN 597 | 612/295-5145 |
| ASMAN, WILLIAM A.H.<br>NET 1194 | 030 533276 |
| ATHARI, SAID<br>FRG 1140 | 0551/393472 |
| ATKINSON, BARRIE A.<br>MAN 28 | 204/949-6059 |
| ATKINSON, SCOTT E.<br>WY 1126 | 307/766-2352 |
| AUBERTIN, G. M.<br>IL 453 | 618/453-3341 |
| AUCHMOODY, L. R.<br>PA 933 | 814/563-7587 |
| AUCLAIR, J.C.<br>QUE 182 | 418/657-2961 |
| AUERBACH, STANLEY I.<br>TN 972 | 615/574-7301 |
| AYER, WILLIAM C.<br>N.B 41 | 506/453-2669 |

## B

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| BAASEL, WILLIAM D.<br>OH 878 | 614/594-6267 |
| BABOOLAL, LAL B.<br>CA 241 | 213/445-6400 |
| BAER, NORBERT S.<br>NY 689 | 212/988-5550 |
| BAKER, ANNE K.<br>VT 1022 | 802/658-1414 |
| BAKER, JOAN P.<br>NC 811 | 919/737-3520 |
| BALGORD, WILLIAM D.<br>CT 365 | 203/775-1523 |
| BALSILLIE, DAVID<br>ONT 74 | 416/965-2053 |
| BALSON, WILLIAM E.<br>CA 242 | 415/960-3450 |
| BANCROFT, LARRY<br>CA 243 | 209/565-3341 |
| BANWART, WAYNE L.<br>IL 454 | 217/333-4250 |
| BARAD, MORTON L.<br>MA 559 | 617/489-0873 |
| BARCHETT, W. RICHARD<br>DC 375 | 202/382-5596 |
| BARCLAY, PAUL<br>ONT 75 | 807/345-2121 |
| BARNES, CHARLES R.<br>NY 690 | 518/472-2823 |
| BARNES, H.M.<br>NC 812 | 919/541-2184 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| BARNES, JAMES N.<br>DC 376 | 202/737-3600 |
| BARNES, R. A.<br>UK 1309 | 235 45109 |
| BARRATT-BROWN, LIZ<br>DC 377 | |
| BARTLETT, RICMOND J.<br>VT 1023 | 802/656-2630 |
| BARTUSKA, ANN M.<br>NC 813 | 919/737-3520 |
| BAUM, ULF<br>FRG 1141 | 089/21803115 |
| BEADLE, ROBERT W.<br>DC 378 | 301/353-3764 |
| BEAN, BRADFORD R.<br>CO 338 | 303/497-6257 |
| BECKER, RONALD W.<br>WI 1105 | 715/362-7616 |
| BECKETT, P. J.<br>ONT 76 | 705/675-1151 |
| BEETON, ALFRED M.<br>MI 576 | 313/763-3515 |
| BEEVERS, DONALD J.<br>NY 691 | 315/782-0100 |
| BEGGS, GAIL<br>ONT 77 | 416/965-7887 |
| BENEPAL, P.S.<br>VA 1037 | 804/520-5151 |
| BENGTSON, CURT<br>SWE 1272 | 031 81 02 80 |
| BENKOVITZ, CARMEN M.<br>NY 692 | 516/282-4135 |
| BENNER, W. HENRY<br>CA 244 | 415/486-5319 |
| BENNETT, DAVID A.<br>DC 379 | 202/382-5600 |
| BENNETT, JESSE H.<br>MD 533 | 301/344-3145 |
| BERG, BJORN<br>SWE 1273 | 018 10 20 00 |
| BERGE, FRODE<br>ME 515 | 207/581-1110 |
| BERGE, FRODE<br>NOR 1207 | 61 32273 |
| BERGHOLM, JOHAN<br>SWE 1274 | 018 10 20 00 |
| BERGKVIST, BO<br>SWE 1275 | 046 10 70 00 |
| BERNABO, CHRISTOPHER<br>DC 380 | 202/395-5773 |
| BERNARD, DAVID P.<br>B.C 20 | 604/228-4664 |
| BEST, MARY D.<br>NY 693 | 607/256-4494 |
| BETSON, ROGER P.<br>TN 973 | 615/632-4460 |
| BHAGAT, SURINDER K.<br>WA 1064 | 509/335-2576 |
| BHARDWAJA, PREM S.<br>AZ 225 | 602/273-2860 |
| BHUMRALKAR, CHANDRAKANT<br>CA 245 | 415/859-3191 |
| BIERBAUM, ROSINA M.<br>DC 381 | 202/226-2045 |
| BINGHAM, GAIL<br>CA 246 | 415/422-6810 |
| BITTON, GABRIEL<br>FL 415 | 904/392-0838 |
| BJORSETH, ALF<br>NOR 1208 | |
| BLACK, FRANK<br>NC 814 | 919/542-3037 |
| BLACK, HENRY D.<br>MD 534 | 301/454-2708 |
| BLANK, GARY B.<br>NC 815 | 919/737-2891 |
| BLASZAK, THOMAS<br>IL 455 | 312/368-3894 |
| BLEIWAS, AGNES<br>ONT 78 | 416/978-7141 |
| BLOOM, SANFORD G.<br>OH 879 | 614/424-4117 |
| BLOOMFIELD, JAY<br>NY 694 | 518/457-7470 |
| BLUME, HANS-PETER<br>FRG 1142 | 030 31471340 |
| BLUMENTHAL, DONALD L.<br>CA 247 | 707/527-9372 |
| BOBEE, BERNARD<br>QUE 183 | 418/871-0553 |
| BOERNER, RALPH E. J.<br>OH 880 | 614/422-3082 |
| BOGEN, DONALD C.<br>NY 695 | 212/620-3637 |
| BOHN, HINRICH L.<br>AZ 226 | 602/626-4674 |
| BONE, STEVEN D.<br>ND 874 | 701/842-2333 |
| BORDSON, DAVID L.<br>MN 598 | 612/296-7285 |
| BORG, HANS<br>SWE 1276 | 08 98 13 20 |
| BOWSER, CARL J.<br>WI 1106 | 608/262-8955 |
| BOXERSOX, VAN C.<br>IL 456 | 217/333-7873 |
| BOYD, CLAUDE E.<br>AL 209 | 205/826-4078 |
| BOYD, DEAN W.<br>CA 248 | 415/960-3450 |
| BOYER, JAMES F., JR.<br>PA 934 | 412/327-1600 |
| BOYLE, JAMES R.<br>OR 910 | 503/754-4957 |
| BRADFORD, GORDON<br>CA 249 | 714/787-5109 |
| BRADFORD, WESLEY L.<br>VA 1038 | 703/860-6834 |
| BRAEKKE, FINN H.<br>NOR 1209 | 02 94 11 60 |
| BRAKKE, DAVID F.<br>WA 1065 | 206/676-3510 |
| BRAMAN, ROBERT S.<br>FL 416 | 813/974-2365 |
| BRANDVOLD, DONALD K.<br>NM 671 | 505/835-5319 |
| BRANDVOLD, LYNN A.<br>NM 672 | 505/835-5517 |
| BRASS, GARRETT W.<br>FL 417 | 305/350-7448 |
| BRENNAN, EILEEN<br>NJ 662 | 201/932-9375 |
| BREVER, DAVID W.<br>ID 448 | 208/799-1161 |
| BREWER, PATRICIA F.<br>TN 974 | 615/751-5680 |
| BREWER, ROBERT L.<br>CA 250 | 213/992-4103 |
| BREZONIK, PATRICK L.<br>MN 599 | 612/373-2514 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| BRICKER, OWEN P.<br>VA 1039 | 703/860-6951 |
| BRINSFIELD, RUSSELL B.<br>MD 535 | 301/827-6202 |
| BRITT, DOUGLAS L.<br>VA 1040 | 703/893-5900 |
| BROCK, J. R.<br>TX 1005 | 512/471-3348 |
| BROCKSEN, ROBERT W.<br>CA 251 | 415/855-2749 |
| BROOKSBANK, PETER<br>ONT 79 | 819/997-3422 |
| BROWELL, EDWARD V.<br>VA 1041 | 804/827-2576 |
| BROWN, DAVID J. A.<br>UK 1310 | 0602 830591 |
| BROWN, KEITH ALAN<br>UK 1311 | 372 37 44 88 |
| BROWN, ROBERT M.<br>NY 696 | 516/282-2260 |
| BROWN, WENDELL V., JR.<br>NY 697 | 315/379-6426 |
| BRUCE, WILLIAM J.<br>NFL 49 | 709/772-2128 |
| BRUCK, ROBERT I.<br>NC 816 | 919/737-2721 |
| BRUNANSKY, LOUIS<br>IN 497 | 219/926-7561 |
| BRUNO, FRANCO<br>ITL 1178 | 4955719 |
| BRYDGES, THOMAS<br>ONT 80 | 416/248-3058 |
| BUBAR, PATRICE M.<br>DC 382 | 202/755-2114 |
| BUCHANAN, JAMES W.<br>NC 817 | 704/262-3010 |
| BUIJSMAN, ED<br>NET 1195 | 030 533276 |
| BURAU, RICHARD G.<br>CA 252 | 916/752-0194 |
| BURCH, DARRELL E.<br>CA 253 | 714/759-5756 |
| BURGY, ROBERT H.<br>CA 254 | 916/752-2503 |
| BURNS, JENNIFER M.<br>AZ 227 | 602/638-2411 |
| BURTON, THOMAS M.<br>MI 577 | 517/353-4475 |
| BUTLER, JAMES W.<br>MI 578 | 313/323-1729 |
| BUTLER, LEROY C.<br>VT 1024 | 802/485-5011 |
| BUTLER, ROBERT P.<br>MI 579 | 313/963-1313 |
| BUTLER, TOM<br>NY 698 | 607/256-4631 |
| BUTTERFIELD, EARLE J.<br>NY 699 | 607/257-2030 |
| BYSTRAM, AGATHA<br>ONT 81 | 819/997-2485 |

## C

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| CAMPBELL, SALLY<br>MD 536 | 301/247-0700 |
| CANFIELD, NORMAN L.<br>MD 537 | 301/454-7372 |
| CANTER, L. W.<br>OK 908 | 405/325-5202 |
| CAPE, J. N.<br>UK 1312 | 031 445 4343 |
| CAPE, J.N.<br>UK 1313 | |
| CARL M. FLEMING<br>TX 1006 | 915/477-2251 |
| CARLSON, CLAIRE L.<br>IL 457 | 618/536-5521 |
| CARLSON, JOHN D.<br>OH 881 | 614/422-4020 |
| CARMICHAEL, GREGORY R.<br>IA 503 | 319/353-4193 |
| CARPENTER, STEPHEN R.<br>IN 498 | 219/239-5544 |
| CARROLL, JOHN E.<br>NH 648 | 603/862-1020 |
| CARTER, JOHN P.<br>MD 538 | 301/436-7527 |
| CARVER, LEIGHTON E.<br>ME 516 | 207/289-2437 |
| CASTLEMAN, A. WELFORD JR<br>PA 935 | 814/865-7242 |
| CATON, GLORIA<br>TN 975 | |
| CAVALLARO, A.<br>ITL 1179 | 02-717751 |
| CEROVSKY, MARIAN<br>CZE 1137 | 466-96 |
| CHAN, CHEONG-HOI<br>ONT 82 | 416/637-4641 |
| CHAN, WALTER H.<br>ONT 83 | 416/965-1634 |
| CHANG, PHILIP S. S.<br>MAN 29 | 204/269-7379 |
| CHAPMAN, ELAINE<br>WA 1066 | 509/375-3819 |
| CHEN, CARL W.<br>CA 255 | 415/283-3771 |
| CHENEY, JAMES L.<br>NC 818 | 919/541-3085 |
| CHENG, H. H.<br>WA 1067 | 509/335-3491 |
| CHENG, ROGER J.<br>NY 700 | 518/457-7583 |
| CHEVONE, BORIS<br>VA 1042 | 703/961-6530 |
| CHLODNY, JOZEF<br>POL 1248 | 512-542 |
| CHRISTOPHERSEN, NILS<br>NOR 1210 | 02 695880 |
| CHUNG, YONG-SEUNG<br>ONT 84 | 416/667-4980 |
| CHUONG, B.T.<br>FRN 1164 | 493 24 75 |
| CHURCH, IAN R.<br>N.S 54 | 902/426-2063 |
| CHURCH, MARSHALL ROBBINS<br>OR 911 | 503/757-4800 |
| CIATTAGLIA, LUIGI<br>ITL 1180 | 06 9023953 |
| CICCONETTI, ANGELO B.<br>OH 882 | 216/352-0766 |
| CICERONE, RALPH J.<br>CO 339 | 303/494-5151 |
| CLAIR, THOMAS A.<br>N.B 42 | 506/388-6606 |
| CLARK, ROBERT E.<br>AL 210 | 205/383-2117 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| CLARK, TERRY LEE<br>NC 819 | 919/541-3372 |
| CLARKSON, THOMAS W.<br>NY 701 | 716/275-3911 |
| CLESCERI, NICHOLAS L.<br>NY 702 | 518/270-6541 |
| CLEVELAND, MARK H.<br>VT 1025 | |
| COHEN, CYNTHIA J.<br>OR 912 | 503/754-2821 |
| COHEN, EDWARD H.<br>MA 560 | 617/969-0100 |
| COLE, DALE W.<br>WA 1068 | 206/543-2757 |
| COLE, DALE W.<br>WA 1069 | 206/543-2762 |
| COLLINS, NICHOLAS C.<br>ONT 85 | 416/828-5366 |
| COLLINS, TERRENCE M.<br>N.S 55 | 902/424-6527 |
| COLOFF, STAN<br>DC 383 | 202/653-9210 |
| COLOME, STEVEN D.<br>CA 256 | 714/833-5574 |
| COLQUHOUN, JAMES R.<br>NY 703 | 315/337-0910 |
| CONNICK, ROBERT E.<br>CA 257 | 415/642-4981 |
| CONROY, NELS<br>ONT 86 | 705/675-4501 |
| CONWAY, LEE<br>NY 704 | 203/666-6911 |
| COOK, DONALD<br>DC 384 | 202/382-7445 |
| COOK, ROBERT H.<br>N.B 43 | 506/529-8857 |
| COOLEY, JOHN M.<br>ONT 87 | 416/637-4772 |
| CORBETT, EDWARD S.<br>PA 936 | 814/863-1933 |
| CORLISS, JOHN F.<br>DC 385 | 703/235-1071 |
| CORRELL, DAVID L.<br>MD 539 | 301/798-4424 |
| COUGHENOUR, MICHAEL<br>NY 705 | 315/423-1000 |
| COUNTESS, RICHARD J.<br>CA 258 | 805/497-0821 |
| COWELL, DARYL W.<br>ONT 88 | 416/637-4551 |
| COWLING, ELLIS B.<br>NC 820 | 919/737-2883 |
| CRAKER, LYLE E.<br>MA 561 | 413/545-2347 |
| CRAMER, STEPHEN D.<br>MD 540 | 301/436-7527 |
| CRANDALL, DOUGLAS A.<br>RI 957 | 217/782-3362 |
| CRAWFORD, KENT J.<br>NC 821 | 919/755-4510 |
| CRAWFORD, TIMOTHY L.<br>AL 211 | 205/386-2788 |
| CREASY, L.L.<br>NY 706 | 607/256-5438 |
| CROCKER, THOMAS D.<br>WY 1127 | 307/766-6423 |
| CRONAN, CHRISTOPHER S.<br>ME 517 | 207/581-2210 |
| CROSSLEY, D.A.<br>GA 435 | |
| CRUTZEN, PAUL<br>FRG 1143 | (06131) |
| CSALLANY, A. SAARI<br>MN 600 | 612/373-0803 |
| CULHANE, PAUL J.<br>IL 458 | 312/492-3395 |
| CUNNINGHAM, P. T.<br>NM 673 | 505/667-4087 |
| CURTIS, CHARLES R.<br>DE 371 | 302/738-2531 |
| CURTIS, LAWRENCE R.<br>OR 913 | 503/754-3503 |
| CUSTER, THOMAS W.<br>MD 541 | 301/776-4880 |

## D

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| D'ITRI, FRANK M.<br>MI 580 | 517/353-3744 |
| DAHL, JOHN BLESSUM<br>NOR 1211 | 712560 |
| DAMSCHEN, DONALD E.<br>CA 259 | 213/647-1608 |
| DANA, M. TERRY<br>WA 1070 | 509/375-3820 |
| DANIEL, KATHY<br>DC 386 | 202/395-5773 |
| DARNELL, DENISE M.<br>MD 542 | 301/436-7509 |
| DATTNER, STUART L.<br>TX 1007 | 512/451-5711 |
| DAUM, KEITH A.<br>NC 822 | 919/541-6547 |
| DAUM, PETER H.<br>NY 707 | 516/282-7283 |
| DAVEY, CHARLES B<br>NC 823 | 919/737-2883 |
| DAVID, MARK B.<br>NY 708 | 315/470-6766 |
| DAVIDSON, CLIFF I.<br>PA 937 | 412/578-2951 |
| DAVIES, DAVID<br>QUE 184 | 514/638-7952 |
| DAVIES, IAN J.<br>MAN 30 | 204/269-7379 |
| DAVIS, J. MICHEAL<br>NC 824 | 919/541-4162 |
| DAVIS, KATHERINE<br>DC 387 | 202/395-5773 |
| DAVIS, RONALD B.<br>ME 518 | 207/581-7040 |
| DAYE, PETER G.<br>N.S 56 | 902/434-9611 |
| DE COSTA, JOHN<br>WV 1096 | 304/293-4693 |
| DE PENA, ROSA G.<br>PA 938 | 814/865-3526 |
| DE SOUZA, KEN<br>ONT 89 | 416/544-3761 |
| DE WIK, TOKE<br>NET 1196 | 03434 2641 |
| DEAN, DAVID J.<br>CA 260 | 415/283-3771 |
| DECKER, CLIFFORD E.<br>NC 825 | 919/541-6901 |
| DELMAS, ROBERT J.<br>FRN 1165 | 76 42 58 72 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| DELUMYEA, R. DEL<br>SC 961 | 803/656-2339 |
| DEMERJIAN, KENNETH L.<br>NC 826 | 919/541-4541 |
| DEN HARTOG, C.<br>NET 1197 | |
| DEN HARTOG, G.<br>ONT 90 | 416/667-4780 |
| DEPINTO, JOSEPH V.<br>NY 709 | 315/268-6532 |
| DERMOTT, RONALD<br>ONT 91 | 416/637-4730 |
| DESGRANGES, JEAN-LUC<br>QUE 185 | 418/694-3914 |
| DEUBERT, KARL H.<br>MA 562 | 617/295-2212 |
| DEVITT, TIMOTHY W.<br>OH 883 | 513/782-4717 |
| DEWALLE, DAVID R.<br>PA 939 | 814/863-0291 |
| DICK, WARREN A.<br>OH 884 | 216/264-1021 |
| DICKSON, WILLIAM<br>SWE 1277 | 08 98 13 20 |
| DILL, NORMAN H.<br>DE 372 | 302/736-5195 |
| DILLON, PETER J.<br>ONT 92 | 416/248-3058 |
| DINGLE, A. NELSON<br>MI 581 | 313 763-4380 |
| DION, NORMAN P.<br>WA 1071 | 206/593-6510 |
| DITTENHOEFER, ALLEN C.<br>NJ 663 | 201/325-1544 |
| DOCHINGER, LEON S.<br>OH 885 | 614/369-4471 |
| DODGE, DOUG<br>ONT 93 | 416/965-7887 |
| DOHRENWEND, ROBERT E.<br>MI 582 | 906/524-6181 |
| DOL, JEAN CLAUDE<br>N.S 57 | |
| DOLSKE, DONALD A.<br>IL 459 | 217/333-7858 |
| DOTY, KEVIN G.<br>IL 460 | 217/333-7128 |
| DOUGLASS, JAMES E.<br>NC 827 | 704/524-2128 |
| DOVLAND, HARALD<br>NOR 1212 | 02 71 41 70 |
| DRAXLER, ROLAND R.<br>MD 543 | 301/443-8811 |
| DREISINGER, BRUCE R.<br>ONT 94 | 705/682-2043 |
| DRISCOLL, CHARLES T.<br>NY 710 | 315/423-2311 |
| DUBAY, DENIS T.<br>NC 828 | 919/737-3575 |
| DUCE, ROBERT A.<br>RI 958 | 401/791-6256 |
| DUCLOS, GEORGES<br>FRN 1166 | 42 23 98 50 |
| DUGAN, NEIL<br>PA 940 | 215/288-5177 |
| DUGAN, PATRICK R.<br>OH 886 | 614/422-4793 |
| DUNCAN, L. CLINT<br>WA 1072 | 509/963-2811 |
| DURHAM, JACK L.<br>NC 829 | 919/541-2183 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| DURHAM, M.R.<br>IA 504 | 319/264-6342 |
| DUTKIEWICZ, TADEUSZ<br>POL 1249 | 537 197 |
| DVORAK, ANTHONY J.<br>IL 461 | 312/972-3107 |

## E

| | |
|---|---|
| EATON, JOHN G.<br>MN 601 | 218/727-6692 |
| EATON, JOHN S.<br>NY 711 | 607/256-3498 |
| EATON, W. CARY<br>NC 830 | 919/541-6720 |
| ECKERT, ROBERT T.<br>NH 649 | 603/862-1020 |
| EDGERTON, ERIC S.<br>FL 418 | 904/372-3318 |
| EDMONDS, CLINTON J.<br>N.S 58 | 902/426-7155 |
| EDMONDS, ROBERT L.<br>WA 1073 | 206/543-2757 |
| EDWARDS, A. CAM<br>ALB 2 | 403/420-2607 |
| EDZWALD, JAMES K.<br>NY 712 | 315/268-6542 |
| EFFER, W.R.<br>ONT 95 | 416/592-5202 |
| EILERS, JOE<br>WI 1107 | 715/362-7616 |
| EISENREICH, STEVEN J.<br>MN 602 | 612/373-2507 |
| ELDER, FLOYD C.<br>ONT 96 | 416/637-4212 |
| ELLIOTT, ROBERT D.<br>MI 583 | 313/965-2430 |
| ELSEEWI, AHMED A.<br>CA 261 | 714/787-4326 |
| ELZERMAN, ALAN W.<br>SC 962 | 803/656-3276 |
| ENDRESS, ANTON G.<br>IL 462 | 217/333-6898 |
| ENZ, JOHN W.<br>ND 875 | 701/293-3486 |
| ERKINJUNTTI, RIITTA<br>FIN 1154 | SF-650211 |
| ESCALANTE, EDWARD<br>DC 388 | 301/921-2810 |
| EVANS, E. GARDNER<br>NC 831 | 919/541-3887 |
| EVANS, LANCE S.<br>NY 713 | 212/920-0266 |

## F

| | |
|---|---|
| FABISZEWSKI, JERZY<br>POL 1250 | 2225-64 |
| FALCONER, PHILLIP D.<br>NY 714 | 518/346-7898 |
| FARBER, PAUL S.<br>IL 463 | 312/972-5634 |
| FARNES, PHILLIP E.<br>MT 634 | 406/587-5271 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| FARRELL, MICHAEL P.<br>TN 976 | 615/574-7840 |
| FARWELL, SHERRY O.<br>ID 449 | 208/885-6387 |
| FAULKNER, D. A.<br>SAS 202 | |
| FAY, JAMES A.<br>MA 563 | 617/253-2236 |
| FEAGLEY, SAM<br>LA 511 | 504/388-2110 |
| FEDER, WILLIAM A.<br>MA 564 | 617/891-0650 |
| FEDKENHEUER, A. W.<br>ALB 3 | 403/290-7355 |
| FEELY, HERBERT W.<br>NY 715 | 212/620-3627 |
| FELDMAN, HOWARD J.<br>LA 512 | 504/569-4747 |
| FERENBAUGH, ROGER W.<br>NM 674 | 505/667-7952 |
| FERNANDEZ, IVAN J.<br>NY 716 | 212/532-9000 |
| FERNANDO, QUINTUS<br>AZ 228 | 602/626-2105 |
| FERRIER, M. DREW<br>MD 544 | 301/387-6666 |
| FILNER, PHILIP<br>CA 262 | 415/833-3400 |
| FINDLAY, RON L.<br>ALB 4 | 403/233-1741 |
| FINKELSTEIN, PETER LORAN<br>NC 832 | 919/541-2347 |
| FIRESTONE, MARY K.<br>CA 263 | 415/642-3677 |
| FISCHER, K. L.<br>ONT 97 | 819/997-1410 |
| FISCHER, MANFRED<br>FRG 1144 | 030 83082443 |
| FITCHETT, ARTHUR W.<br>CA 264 | 408/737-0700 |
| FLEISCHER, SIEGFRIED<br>SWE 1278 | 035 13 20 00 |
| FLETCHER, NORMAN E.<br>ME 519 | 207/288-3369 |
| FLEXNER, DEBORAH COFFEY<br>MI 584 | 313/763-9433 |
| FLICK, WILLIAM A.<br>NY 717 | 518/327-3534 |
| FLICKINGER, JOHN<br>WI 1108 | 608/252-3084 |
| FLINN, DAVID R.<br>MD 545 | 301/436-7526 |
| FOLEY, GARY J.<br>DC 389 | 202/382-7445 |
| FOLEY, MARY K.<br>MA 565 | 617/223-7765 |
| FOLEY, ROBERT E.<br>NY 718 | 518/773-7318 |
| FONG, FRANKLIN<br>TX 1008 | 713/845-7311 |
| FORD, CHARLES T.<br>PA 941 | 412/327-1600 |
| FORD, JESSE<br>MN 603 | 612/376-3058 |
| FORREST, JOSEPH<br>NY 719 | 516/282-4477 |
| FORSLINE, PHILLIP L.<br>NY 720 | 315/787-2241 |
| FORSTER, BRUCE A.<br>ONT 98 | 519/824-4120 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| FORTIN, JEAN-PIERRE<br>QUE 186 | 418/657-2281 |
| FOSTER, N.W.<br>ONT 99 | 705/949-9461 |
| FOWLER, D.<br>UK 1314 | 031 445 4343 |
| FOX, DONALD L.<br>NC 833 | 919/967-6378 |
| FOX, DOUGLAS G.<br>CO 340 | 303/221-4390 |
| FRANCIS, A. J.<br>NY 721 | 516/282-4534 |
| FRANCO, PRODI<br>ITL 1181 | 051-51 95 93 |
| FRANTISAK, F.<br>ONT 100 | 416/867-7306 |
| FRASER, HUGH M.<br>MAN 31 | 204/949-4379 |
| FRASER, JAMES E.<br>VA 1043 | 703/893-5900 |
| FREDRIKSEN, R. L.<br>OR 914 | 503/757-4313 |
| FREEDMAN, BILL<br>N.S 59 | |
| FRENCH, WYNNE JR.<br>AR 234 | 501/226-6548 |
| FRENZEN, PAUL<br>IL 464 | 312/972-5830 |
| FRIEDMAN, ROBERT M.<br>DC 390 | 202/226-2131 |
| FRIEND, JAMES P.<br>PA 942 | 215/895-2666 |
| FROMM, PAUL O.<br>MI 585 | 517/355-6482 |
| FUGELLI, KJELL<br>NOR 1213 | |
| FUHRER, JURG<br>SWZ 1308 | 031 42 20 58 |
| FULKERSON, JOHN F.<br>DC 391 | 202/447-5741 |
| FUNG, KOCHY K.<br>CA 265 | 805/497-0821 |
| FUNK, W. H.<br>WA 1074 | 509/335-5531 |
| FURLONG, DALE A.<br>VA 1044 | 703/774-8999 |
| FUSARI, REDO<br>ITL 1182 | 0733 452 83 |
| FUZZI, SANDRO<br>ITL 1183 | 051 51 95 93 |

## G

| | |
|---|---|
| GAANSTROM, GUNNAR<br>SWE 1279 | 046 10 70 00 |
| GALLI, ALFRED A.<br>DC 392 | 202/382-5945 |
| GALLOWAY, JAMES N.<br>VA 1045 | 804/924-7761 |
| GALVIN, PHILLIP J.<br>NY 722 | 518/457-0809 |
| GANNON, JOHN E.<br>NY 723 | 315/341-3088 |
| GARNER, J.H.B.<br>NC 834 | 919/541-2266 |
| GARRETT, PATRICK<br>OH 887 | 513/475-4651 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| GARRISON, PAUL J.<br>WI 1109 | 608/267-9432 |
| GARTNER, JOHN<br>NY 724 | 716/632-4491 |
| GASPER, DONALD C.<br>WV 1097 | 304/924-6211 |
| GATZ, DONALD F.<br>IL 465 | 217/333-2512 |
| GAUDRY, A.<br>FRN 1167 | 09 07 78 28 |
| GEBALLE, GORDON T.<br>CT 366 | 203/436-0020 |
| GEBHARDT, KARL<br>ID 450 | 208/334-1892 |
| GEHRS, CARL W.<br>TN 977 | 615/574-7359 |
| GEORGII, HANS-WALTER<br>FRG 1145 | |
| GERKING, SHELBY D.<br>AZ 229 | 602/965-2540 |
| GHERINI, STEVEN A.<br>CA 266 | 415/283-3771 |
| GHOLZ, HENRY L.<br>FL 419 | 909/392-4851 |
| GIBBONS, HARRY L., JR.<br>WA 1075 | 509/335-5294 |
| GIBSON, JAMES H.<br>CO 341 | 303/491-5571 |
| GILBERT, RICHARD<br>QUE 187 | 514/333-3020 |
| GILLANI, NOOR V.<br>MT 635 | 314/889-6079 |
| GILMORE, A. R.<br>IL 466 | 217/333-4308 |
| GIZYN, WILLIAM I.<br>ONT 101 | 416/965-4516 |
| GJEDREM, TRYGUE<br>NOR 1214 | |
| GJESSING, EGIL<br>NOR 1215 | 472 23 52 80 |
| GLASS, GARY E.<br>MN 604 | 218/727-6692 |
| GLENN, ROLLIN C.<br>ME 520 | 207/581-2771 |
| GMUR, NICHOLAS F.<br>NY 725 | 516/282-2490 |
| GOIDELL, LEWIS C.<br>SC 963 | 803/725-3966 |
| GOLDBERG, ROBERT<br>DC 393 | 202/343-4022 |
| GOLDMAN, CHARLES R.<br>CA 267 | 916/752-1557 |
| GOLDSTEIN, ROBERT A.<br>CA 268 | 415/964-7066 |
| GOOLSBY, DONALD A.<br>CO 342 | 303/234-4118 |
| GORDON, ROBERT J.<br>CA 269 | 213/992-4103 |
| GORHAM, EVILLE<br>MN 605 | 612/376-1743 |
| GORMAN, ROY T.<br>NC 835 | 919/733-6126 |
| GOSINK, THOMAS A.<br>AK 221 | 907/474-7430 |
| GRABER, DAVID M.<br>CA 270 | 209/565-3341 |
| GRAHAM, RICHARD C.<br>NY 726 | 914/938-3739 |
| GRAHN, OLLE<br>SWE 1280 | 0554/12900 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| GRANAT, LENNART<br>SWE 1281 | 08 15 01 60 |
| GRANDE, MAGNE<br>NOR 1216 | 472 23 52 80 |
| GRANETT, ANDREW L.<br>CA 271 | 714/787-5639 |
| GRANT, MICHAEL C.<br>CO 343 | 303/492-8981 |
| GRATANI, DOTT LORETTA<br>ITL 1184 | 5312 532 |
| GRAVELAND, DAVID N.<br>ALB 5 | 403/329-5322 |
| GREENLAND, DAVID E.<br>CO 344 | 303/492-8694 |
| GREGORY, GERALD L.<br>VA 1046 | 804/827-2486 |
| GREGORY, ROBERT A.<br>VT 1026 | 802/951-6771 |
| GRIFFIN, H. DENNIS<br>ONT 102 | 807/475-1215 |
| GRIFFITH, MARG<br>ONT 103 | 416/965-4516 |
| GRIGGS, JAMES MICHAEL<br>SC 964 | 803/656-3104 |
| GRIGHL, DAVID F.<br>MN 606 | 612/373-1442 |
| GRODZINSKA, KRYSTYNA<br>POL 1251 | 161 44 |
| GRODZINSKI, WLADYSLAW<br>POL 1252 | 363-77 |
| GROFERUD, OLAV<br>NOR 1217 | 02 940060 |
| GROVE, J. H.<br>KY 509 | 606/258-5852 |
| GRUND, RICHARD<br>WI 1110 | 715/887-5481 |
| GU, LEO CHEELIANG<br>CA 272 | 415/859-6193 |
| GUALDI, G.<br>ITL 1185 | 02-717751 |
| GUNN, JOHN<br>ONT 104 | |

## H

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| HAAGENRUD, SVEIN ERIK<br>NOR 1218 | |
| HAASE, EDWARD F.<br>AZ 230 | 602/234-8122 |
| HAFLEY, WILLIAM L.<br>NC 836 | 919/737-2891 |
| HAGVAR, SIGMUND<br>NOR 1219 | 94 11 60 |
| HAINES, BRUCE L.<br>GA 436 | 404/542-3733 |
| HAINES, TERRY A.<br>ME 521 | 207/581-2778 |
| HAKKARINEN, CHARLES<br>CA 273 | 415/855-2592 |
| HALES, JEREMY M.<br>WA 1076 | 509/376-7990 |
| HALL, ROBERT E.<br>NC 837 | 919/541-2477 |
| HALL, RONALD JAMES<br>ONT 105 | 705/766-2494 |
| HALLGREN, JAN-ERIK<br>SWE 1282 | 090 16 54 73 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| HALTERMAN, STEVEN G.<br>PA 943 | 215/299-1080 |
| HALVERSON, HOWARD G.<br>PA 944 | 814/863-1933 |
| HAMILTON, L. D.<br>NY 727 | 516/282-2004 |
| HAMILTON, WAYNE L.<br>WY 1128 | 307/344-7381 |
| HANEY, JAMES F.<br>NH 650 | 603/862-2100 |
| HANSEN, D. ALAN<br>CA 274 | 805/497-0821 |
| HARA, TOSHIAKI J.<br>MAN 32 | 204/269-7379 |
| HARDEN, C. WAYNE<br>NC 838 | 704/875-1971 |
| HARGIS, JACK R.<br>MN 607 | 218/726-7264 |
| HARKOV, RONALD<br>NJ 664 | 609/984-2207 |
| HARRIMAN, R.<br>UK 1315 | 2060 |
| HARRIS, ALFRED RAY<br>MN 608 | 218/326-8571 |
| HARRISON, HALSTEAD<br>WA 1077 | 206/543-4596 |
| HARRISS, ROBERT C.<br>VA 1047 | 804/827-2861 |
| HARSHBARGER, T. J.<br>NC 839 | 704/258-2850 |
| HART, JAMES B.<br>MI 586 | 517/355-0090 |
| HART, PETTRI<br>FIN 1155 | 1924304 |
| HART, WILLIAM C.<br>N.S 60 | 902/826-7198 |
| HARTE, JOHN<br>CA 275 | 415/486-6119 |
| HARTER, ROBERT D.<br>NH 651 | 603/862-1022 |
| HARVEY, HAROLD H.<br>ONT 106 | 416/978-3504 |
| HASSETT, JOHN J.<br>IL 467 | 217/333-4376 |
| HAUTOJARVI, AIMO<br>FIN 1156 | SF-650211 |
| HAVAS, MAGDA<br>NY 728 | 607/256-4631 |
| HAVENS, J. WICK<br>PA 945 | 717/784-4310 |
| HAWRYS, ZBIGNIEW<br>POL 1253 | 512-542 |
| HAYES, JANET V.<br>NY 729 | 516/282-7604 |
| HEAGLE, ALLEN S.<br>NC 840 | 919/737-2751 |
| HEALE, ELLEN L.<br>ONT 107 | 705/682-4759 |
| HEATH, ROBERT L.<br>CA 276 | 714/787-5925 |
| HECK, WALTER W.<br>NC 841 | 919/737-3311 |
| HECZKO, EVA<br>ONT 108 | 416/965-2214 |
| HEGG, DEAN A.<br>WA 1078 | 206/545-1984 |
| HEGGESTAD, HOWARD E.<br>MD 546 | 301/344-3143 |
| HEIKES, BRIAN G.<br>CO 345 | 303/494-5151 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| HEISKARY, STEVEN A.<br>MN 609 | 612/296-7320 |
| HEIT, MERRILL<br>NY 730 | 212/620-3625 |
| HELD, JOANN L.<br>NJ 665 | 609/292-8215 |
| HELLER, LAURENCE<br>NY 731 | 607/257-2030 |
| HELMKE, PHILIP A.<br>WI 1111 | 608/263-4947 |
| HELVEY, J. DAVID<br>WV 1098 | 304/478-2000 |
| HEMENWAY, DAVID R.<br>VT 1027 | 802/656-3800 |
| HENDERSON, GRAY S.<br>MO 632 | 314/882-3372 |
| HENDREY, GEORGE R.<br>NY 732 | 516/282-3262 |
| HENDRICKSON, E. R.<br>FL 420 | 904/372-3318 |
| HENDRY, ROBERT N.<br>NC 842 | 919/541-6145 |
| HENRIKSEN, ARNE<br>NOR 1220 | 472 23 52 80 |
| HENRIKSON, LENNART<br>SWE 1283 | |
| HENRY, MARY G.<br>MD 547 | 314/875-5399 |
| HENRY, RONALD C.<br>CA 277 | 805/497-0821 |
| HERRMANN, RAYMOND<br>CO 346 | 303/471-7573 |
| HESKETH, HOWARD E.<br>IL 468 | 614/536-2396 |
| HESS, CHARLES T.<br>ME 522 | 207/581-7547 |
| HESSLEIN, RAYMOND H.<br>MAN 33 | 204/269-7379 |
| HICKS, BRUCE B.<br>TN 978 | 615/576-1233 |
| HIDY, GEORGE M.<br>CA 278 | 805/497-0821 |
| HILDEBRAND, STEPHEN G.<br>TN 979 | 615/574-7329 |
| HILGERT, J. W.<br>AK 222 | 907/474-7443 |
| HINDS, W. T.<br>WA 1079 | 509/376-7724 |
| HJELMFELT, MARK R.<br>NY 733 | 516/282-3826 |
| HOBBS, PETER V.<br>WA 1080 | 206/543-6027 |
| HODGES, STEVEN C.<br>SC 965 | 803/656-3102 |
| HOFSTRA, G.<br>ONT 109 | 519/824-4120 |
| HOGAN, GARY D.<br>ALB 6 | 403/435-7307 |
| HOGSETT, WILLIAM E.<br>OR 915 | 503/757-4632 |
| HOKANSON, KENNETH E. F.<br>MN 610 | 612/295-5145 |
| HOLLINDEN, GERALD A.<br>TN 980 | 615/751-3584 |
| HOLT, BEN D.<br>IL 469 | 312/972-4347 |
| HOMOLYA, JAMES BRIAN<br>NC 843 | 919/541-2648 |
| HOOD, BETSY ANN<br>NC 844 | 919/737-3520 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| HOOD, KENNETH J.<br>DC 394 | 202/395-1904 |
| HOPKE, PHILLIP K.<br>IL 470 | 217/333-6230 |
| HOPKINSON, R. F.<br>SAS 203 | |
| HORNBECK, JAMES W.<br>NH 652 | 603/868-5576 |
| HORNBROOK, ELDON H.<br>ONT 110 | 613/955-4521 |
| HORNSTROM, EINAR<br>SWE 1284 | 08 98 13 20 |
| HORNTVEDT, RICHARD<br>NOR 1221 | 02 941060 |
| HORVATH, LASZLO<br>HUN 1175 | 585-711 |
| HOUGHTON, ROBERT L.<br>ND 876 | 701/255-4011 |
| HOVEY, HARRY H.<br>NY 734 | 518/457-7230 |
| HOVIND, EINAR<br>CA 279 | 805/967-1246 |
| HOWARD, CARLETON J.<br>CO 347 | 303/497-5820 |
| HOWATSON, JOHN<br>WY 1129 | 307/766-4363 |
| HOWELLS, GWYNETH<br>UK 1316 | 0372 374488 |
| HUCKABEE, JOHN W.<br>CA 280 | 415/855-2589 |
| HUDLER, GEORGE W.<br>NY 735 | 607/256-3284 |
| HUDSON, J. L.<br>VA 1048 | 804/924-3428 |
| HUDSON, ROBERT J.M.<br>CA 281 | 415/283-3771 |
| HUEBERT, BARRY J.<br>CO 348 | 303/473-2233 |
| HUK, WITOLD<br>POL 1254 | 161-44 |
| HULETT, LES<br>NFL 50 | 709/737-2554 |
| HULTBERG, HANS<br>SWE 1285 | 031 81 02 80 |
| HUMBERTO, BRAVO A.<br>MEX 1133 | 548-81-90 |
| HUNN, JOSEPH B.<br>MT 636 | 314/875-3599 |
| HUNT, JAMES E.<br>ONT 111 | 416/630-6331 |
| HUNTER, MALCOLM L., JR.<br>ME 523 | 207/581-2860 |
| HUNTINGTON, GORDON L.<br>CA 282 | 916/752-6082 |
| HUSAIN, LIAQUAT<br>NY 736 | 518/473-4854 |
| HUSAR, RUDOLF B.<br>MO 633 | 314/889-6054 |
| HUTCHINSON, THOMAS C.<br>ONT 112 | 416/978-3532 |
| HUTCHISON, BOYD A.<br>TN 981 | 615/576-1250 |
| HUTTON, ROBERT<br>IL 471 | 217/782-5811 |

## I

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| IRVING , PATRICIA M.<br>IL 472 | 312/972-4211 |
| IWANSKI, MYRON L.<br>TN 982 | 615/632-2391 |
| IZBICKI, JOHN<br>CA 283 | 714/831-4232 |

## J

| | |
|---|---|
| JACKS, GUNNAR<br>SWE 1286 | |
| JACKSON, CURTIS R.<br>GA 437 | 404/228-7263 |
| JACOBSON, JAY S.<br>NY 737 | 607/257-2030 |
| JAGUSIEWICZ, ANDRZEJ<br>POL 1255 | 25 07 91 |
| JAKSCH, JOHN A.<br>NM 675 | 505/667-4101 |
| JAMES, BRUCE R.<br>NY 738 | 607/256-2287 |
| JANSEN, JOHN J.<br>AL 212 | 205/877-7698 |
| JARVINEN, OLLI<br>FIN 1157 | 70971 |
| JENNE, EVERETT A.<br>WA 1081 | 509/376-8635 |
| JENSEN, KEITH F.<br>OH 888 | 614/369-4471 |
| JERKINS, SARAH<br>WI 1112 | 608/266-5990 |
| JOHANNES, ARLAND H.<br>NY 739 | 518/270-6381 |
| JOHANNESSEN, MERETE<br>NOR 1222 | 472 23 52 80 |
| JOHANSSON, KJELL<br>SWE 1287 | 08 98 13 20 |
| JOHNSON, ARTHUR H.<br>PA 946 | 215/243-4906 |
| JOHNSON, DALE W.<br>TN 983 | 615/574-7362 |
| JOHNSON, MURRAY G.<br>ONT 113 | 519/371-0040 |
| JOHNSON, NOYE<br>NH 653 | 603/646-2372 |
| JOHNSON, WARREN B.<br>CA 284 | 415/859-4755 |
| JOHNSTON, J.W.<br>TN 984 | 615/574-7377 |
| JOHNSTON, LAURA M.<br>ONT 114 | 613/998-8854 |
| JONES, H.G.<br>QUE 188 | 418/657-2533 |
| JONES, HERBERT C.<br>AL 213 | 205/386-2342 |
| JONES, MILTON B.<br>CA 285 | 707/744-1424 |
| JONES, ULYSSES S.<br>SC 966 | 803/656-3102 |
| JORANGER, EINAR<br>NOR 1223 | 02 71 41 70 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| JUDEIKIS, HENRY S.<br>CA 286 | 213/648-5224 |
| JUNGERS, ROBERT H.<br>NC 845 | 919/541-2133 |

# K

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| KABATA-PENDIAS, ALINA<br>POL 1256 | 34-21 |
| KAHL, JEFFREY S.<br>ME 524 | 207/581-7486 |
| KALLEMEYN, VONNI C.<br>SD 970 | 605/773-3329 |
| KALLEND, ANTHONY S.<br>UK 1317 | 74488 |
| KANE, ROBERT LOUIS<br>DC 395 | 202/252-4770 |
| KAPLAN, EDWARD<br>NY 740 | 516/282-2007 |
| KAPLAN, ISAAC R.<br>CA 287 | 213/825-1805 |
| KARNOSKY, DAVID F.<br>NY 741 | 914/677-5343 |
| KASINA, STANISLAW<br>POL 1257 | 264-04 |
| KATAINEN, HELJA-SISKO<br>FIN 1158 | 19241 |
| KATEN, PAUL C.<br>OR 916 | 503/754-4900 |
| KELLER, W.<br>ONT 115 | 705/675-4501 |
| KELLEY, DAVID C.<br>DC 396 | 202/382-2603 |
| KELLOMAKI, SEPPO<br>FIN 1159 | 90-661401 |
| KELLY, CAROL<br>MAN 34 | 204/786-7811 |
| KELLY, J.M.<br>TN 985 | 615/574-7815 |
| KELLY, THOMAS<br>NY 742 | 516/282-3086 |
| KELSO, JOHN R. M.<br>ONT 116 | 705/942-2848 |
| KENNEDY, VANCE C.<br>CA 288 | 415/856-7176 |
| KENNEWEG, HARTMUT<br>FRG 1146 | 0551 393472 |
| KENTTAMIES, KAARLE<br>FIN 1160 | |
| KERCH, RICHARD L.<br>PA 947 | 412/831-4527 |
| KEREKES, JOSEPH<br>N.S 61 | 902/426-6356 |
| KIANG, C.S.<br>GA 438 | 404/894-3896 |
| KICENIUK, JOE W.<br>NFL 51 | 709/737-2087 |
| KIM, BYUNG R.<br>GA 447 | 404/894-2265 |
| KINNAIRD, J.W.<br>UK 1318 | |
| KINSMAN, JOHN D.<br>VA 1049 | 703/893-5900 |
| KITSON, CHARLES E.<br>MA 566 | 617/262-3200 |
| KLEIN, RICHARD<br>VT 1028 | 802/656-2930 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| KLESSIG, LOWELL<br>WI 1113 | 715/346-3783 |
| KLEY, DIETER<br>CO 349 | 303/497-3355 |
| KNAPP, KENNETH T.<br>NC 846 | 919/541-3085 |
| KNAPP, WARREN W.<br>NY 743 | 607/256-3034 |
| KNIGHT, ALLEN W.<br>CA 289 | 916/752-0692 |
| KNIGHTON, DEAN M.<br>MN 611 | 218/326-8571 |
| KNOTT, WILLIAM M.<br>FL 421 | 305/867-3152 |
| KNOX, JOSEPH B.<br>CA 290 | 415/422-1818 |
| KNUTSSON, GERT<br>SWE 1288 | |
| KOCIUBA, P. J.<br>ALB 7 | 403/437-1250 |
| KOCUIBA, P. J.<br>SAS 204 | 306/359-5739 |
| KOHN, JAMES P.<br>IN 499 | 219/239-6491 |
| KOHUT, ROBERT<br>NY 744 | 607/257-2030 |
| KOSKY, KENNARD F.<br>FL 422 | 904/372-3318 |
| KOZLOWSKI, T. T.<br>WI 1114 | 608/262-4900 |
| KRAMER, HORST<br>FRG 1147 | 0551/393472 |
| KRAMER, JAMES P.<br>ONT 117 | 416/525-9140 |
| KRANTZBERG, GAIL<br>ONT 118 | 416/978-4309 |
| KRAUSE, CHARLES R.<br>OH 889 | 614/363-1129 |
| KREITZBERG, CARL W.<br>PA 948 | |
| KRETSER, WALTER A.<br>NY 745 | 518/891-1370 |
| KRIETER, MANFRED<br>FRG 1148 | 06131/392702 |
| KRUG, EDWARD C.<br>CT 367 | 203/789-7215 |
| KRUGER, JEROME<br>DC 397 | 301/921-2094 |
| KRUMMEL, JOHN R.<br>TN 986 | 615/574-7339 |
| KRUPA, SAGAR V.<br>MN 612 | 612/376-3871 |
| KUJA, ALLEN L.<br>ONT 119 | |
| KUMAR, ASHOK<br>OH 890 | 419/537-2640 |
| KUMAR, ROMESH<br>IL 473 | 312/972-4342 |
| KUO, C. H.<br>MS 629 | 601/325-2480 |
| KURTZ, JOEL<br>ONT 120 | 416/965-5068 |
| KURTZ, TIMOTHY M.<br>NY 746 | 315/343-2110 |

## L

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| LACHANCE, MARIUS<br>QUE 189 | 418/657-2624 |
| LACKEY, ROBERT T.<br>OR 917 | 503/757-4806 |
| LACROIX, GILLES L.<br>N.B 44 | 506/529-8850 |
| LAFLEUR, ROGER<br>ONT 121 | 819/997-3376 |
| LAMB, BRIAN<br>WA 1082 | 509/335-1526 |
| LAMBERT, G.<br>FRN 1168 | 09 07 78 28 |
| LANDSBERG, HELMUT E.<br>MD 548 | 301/454-4129 |
| LANE, PATRICIA A.<br>N.S 62 | 902/424-6527 |
| LANG, DAVID S.<br>MN 613 | 612/296-2399 |
| LANG, GERALD E.<br>WV 1099 | 304/293-5201 |
| LANGE, DAVE<br>MT 637 | 406/888-5441 |
| LANGILLE, WINSTON M.<br>N.S 63 | 902/895-1571 |
| LARSON, GARY L.<br>NB 641 | 402/221-3438 |
| LARSON, LINDA<br>CA 291 | 415/974-7648 |
| LASSOIE, JAMES P.<br>NY 747 | 607/256-2114 |
| LAST, F.T.<br>UK 1319 | 031-445 4343 |
| LAU, YAN K.<br>ALB 8 | 403/427-5893 |
| LAVENROTH, WILLIAM K.<br>CO 350 | 303/491-7581 |
| LAWSON, DOUGLAS R.<br>CA 292 | 916/323-1507 |
| LAWSON, EDWIN R.<br>AR 235 | 501/521-5695 |
| LAZAREK, STANISLAW<br>SWE 1289 | 018 10 70 00 |
| LAZERTE, BRUCE<br>ONT 122 | 416/248-3058 |
| LAZRUS, ALLAN L.<br>CO 351 | 303/494-5151 |
| LEBLANC, JAMES D.<br>LA 513 | 504/569-4740 |
| LEBLANC, PATRICK J.<br>N.S 64 | 902/424-8503 |
| LECHNER, LARRY J.<br>SAS 205 | 306/565-6195 |
| LECHOWICZ, MARTIN<br>QUE 190 | 514/392-4683 |
| LEE, JEFFREY J.<br>OR 918 | 503/757-4758 |
| LEE, YEAN<br>MA 567 | 617/235-5834 |
| LEE, YIN-NAN<br>NY 748 | 516/282-3294 |
| LEFOHN, ALLEN S.<br>MT 638 | 406/443-3389 |
| LEGGE, ALLAN H.<br>ALB 9 | 403/284-5271 |
| LEGRAND, MICHEL R.<br>FRN 1169 | 76 42 58 72 |
| LEIVESTAD, HELGE<br>NOR 1224 | 05 21 00 40 |
| LEMBRECHTS, JOHAN<br>BEL 1134 | 014/311801 |
| LEONE, IDA A.<br>NJ 666 | 201/932-9375 |
| LEPPLE, FRED K.<br>DC 398 | 202/767-2256 |
| LESINSKI, JERZY A.<br>POL 1258 | 191-44 |
| LESLIE, ALISTAIR C. D.<br>FL 423 | 904/644-6700 |
| LESTER, THOMAS W.<br>KS 508 | 913/532-5624 |
| LETTERMAN, RAYMOND D.<br>NY 749 | 315/423-2311 |
| LEUPOLD, MAUREEN A.<br>NY 750 | 716/395-2470 |
| LEVIN, MORRIS A.<br>DC 399 | 202/382-2575 |
| LEWINSKA, JANINA<br>POL 1259 | 264 04 |
| LEWIS, WILLIAM M.<br>CO 352 | 303/492-6378 |
| LEY, BARBARA E.<br>ONT 123 | 416/965-5068 |
| LIAW, W. K.<br>SAS 206 | 306/664-5760 |
| LIETZKE, DAVID A.<br>TN 987 | 615/974-7101 |
| LIGHT, ROBERT WILLIAM<br>PA 949 | 814/865-6592 |
| LIKENS, GENE E.<br>NY 751 | 607/256-4631 |
| LILJESTRAND, HOWARD M.<br>TX 1009 | 512/471-5602 |
| LINDBERG, S. E.<br>TN 988 | 615/574-7857 |
| LINDENBERG, STEVEN P.<br>MN 614 | 612/937-8599 |
| LINES, ROGER<br>UK 1320 | 031 445 2176 |
| LINTHURST, RICK A.<br>NC 847 | 919/737-3520 |
| LINZON, S. N.<br>ONT 124 | 416/965-4516 |
| LIOY, PAUL J.<br>NY 752 | 212/340-7300 |
| LIPFERT, FREDERICK W.<br>NY 753 | 516/345-2057 |
| LISSOWAY, JOHN<br>NM 676 | 505/672-3861 |
| LIU, SHAW C.<br>CO 353 | 303/497-3356 |
| LIVINGSTON, RICHARD<br>MD 549 | 301/454-3548 |
| LOCKHART, THOMAS J.<br>CA 293 | 213/798-2409 |
| LOESCHER, BARRY<br>ONT 125 | 416/248-3346 |
| LOGSDON, GARY S.<br>OH 891 | 513/851-1000 |
| LOHM, ULRIK<br>SWE 1290 | |
| LONGCORE, JERRY R.<br>ME 525 | 207/581-2510 |
| LOUCKS, ORIE L.<br>IN 500 | 317/283-9551 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| LOVETT, GARY M.<br>TN 989 | 615/576-5546 |
| LUCAS, ANNE<br>ONT 126 | 416/637-4551 |
| LUECK, DAVID<br>DC 400 | 203/695-5509 |
| LUKEN, RALPH A.<br>DC 401 | 212/382-5475 |
| LUKOW, THOMAS E.<br>WY 1130 | 307/778-2085 |
| LUND, LANNY J.<br>CA 294 | 714/787-3859 |
| LUSIS, MARIS<br>ONT 127 | 416/965-1634 |
| LUXMOORE, R. J.<br>TN 990 | 615/574-7357 |
| LYLE, RAYMON S. JR<br>NY 754 | 607/256-7535 |
| LYNCH, JAMES A.<br>PA 950 | 814/865-8830 |
| LYONS, WALTER A.<br>MN 615 | 612/333-1424 |
| LYONS, WILLIAM BERRY<br>NH 654 | 603/862-1718 |
| LYTLE, WILLIAM F.<br>SD 971 | 605/688-5141 |

## M

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| MACCRACKEN, MICHAEL C.<br>CA 295 | 415/422-1826 |
| MACHTA, LESTER<br>MD 550 | 301/443-8276 |
| MACK, EUGENE J.<br>NY 755 | 716/631-6782 |
| MACLEAN, JIM<br>ONT 128 | 416/832-2761 |
| MADSEN, BROOKS<br>FL 424 | 305/275-2246 |
| MAGNUSON, JOHN J.<br>WI 1115 | 608/262-2840 |
| MAHALINGAM, R.<br>WA 1083 | 509/335-1304 |
| MAKELA, ANNIKKI<br>FIN 1161 | 1924305 |
| MALLEY, DIANE F.<br>MAN 35 | 204/269-7379 |
| MALO, BERNARD A.<br>VA 1050 | 703/860-6834 |
| MANDL, RICHARD H.<br>NY 756 | 607/257-2030 |
| MANDRIOLI, PAOLO<br>ITL 1186 | 051 51 95 93 |
| MANN, A. S.<br>ALB 10 | 403/437-1250 |
| MANNA, BARID B.<br>B.C 21 | 604/387-1834 |
| MANNING, WILLIAM J.<br>MA 568 | 413/545-2289 |
| MANOWITZ, BERNARD<br>NY 757 | 516/345-3037 |
| MARIER, JEAN<br>QUE 191 | 514/872-6848 |
| MARMOREK, DAVID R.<br>B.C 22 | 604/872-0691 |
| MARQUIS, DAVID A.<br>PA 951 | 814/563-7587 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| MARSH, ANTHONY R.<br>UK 1321 | |
| MARTIN, A.<br>UK 1322 | 0602-830591 |
| MARTIN, HANS C.<br>ONT 129 | 416/667-4803 |
| MARTIN, ROBBIN L.<br>CA 296 | 213/648-6920 |
| MARTIN, SAMUEL R.<br>MD 551 | 301/383-7226 |
| MARTIN, WAYNE C.<br>NH 655 | 603/726-8902 |
| MARTINI, BOB<br>WI 1116 | 715/362-7616 |
| MASON, HOWARD B.<br>CA 297 | 415/964-3200 |
| MASON, JOHN W.<br>WI 1117 | 608/266-7778 |
| MASSE, CLAUDE<br>ONT 130 | 416/966-6074 |
| MASSIMILIANO, POSSANZINI<br>ITL 1187 | 06-9005349 |
| MATHEWS, RAYMOND C., JR.<br>TN 991 | 615/436-7120 |
| MATIAS, DAN<br>NY 758 | 607/726-2551 |
| MATIJEVIC, EGON<br>NY 759 | 315/268-2392 |
| MATTESON, MICHAEL J.<br>GA 439 | 404/894-2876 |
| MATTHEWS, RONALD DOUGLAS<br>TX 1010 | 512/471-4429 |
| MAXWELL, MIKE<br>NC 848 | |
| MAYBANK, JOHN<br>SAS 207 | 306/664-5417 |
| MAYER, ROBERT<br>FRG 1149 | 0551-393509 |
| MAYEWSKI, PAUL A.<br>NH 656 | 603/862-1718 |
| MCBEAN, GORDON A.<br>B.C 23 | |
| MCBRIEN, STEPHEN V.<br>VA 1051 | 703/827-2985 |
| MCCLENAHEN, JAMES R.<br>OH 892 | 216/264-1021 |
| MCCLENNY, WILLIAM ARTHUR<br>NC 849 | 919/541-3158 |
| MCCOLL, JOHN G.<br>CA 298 | 415/642-1028 |
| MCCONATHY, RON<br>TN 992 | 615/574-7353 |
| MCCORMACK, MAXWELL L., JR<br>ME 526 | 207/581-2860 |
| MCCORMICK, J. H.<br>MN 616 | 218/727-6692 |
| MCCUNE, DELBERT C.<br>NY 760 | 607/257-2030 |
| MCCURDY, ROSS F.<br>N.S 65 | 902/428-3464 |
| MCELROY, JAMES L.<br>NV 644 | 702/798-2361 |
| MCELROY, MICHAEL B.<br>MA 569 | 617/495-4359 |
| MCFEE, WILLIAM W.<br>IN 501 | 317/494-8044 |
| MCGAVIN, RAYMOND<br>CO 354 | 303/497-6166 |
| MCILVEEN, WILLIAM D.<br>ONT 131 | 705/675-4501 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| MCKEE, ARTHUR<br>OR 919 | 503/822-3914 |
| MCKENZIE, DANIEL H.<br>WA 1084 | 509/376-6573 |
| MCKENZIE, RAYMOND L.<br>DC 402 | 301/921-2862 |
| MCLAUGHIN, SAMUEL B.<br>TN 993 | 615/483-7358 |
| MCLEAN, RONALD A. N.<br>ONT 132 | 514/457-6810 |
| MCLEAN, WALLACE<br>VT 1029 | 802/828-2761 |
| MCMAHON, CHARLES K.<br>GA 440 | |
| MCMILLAN, A.C.<br>ONT 133 | 416/231-4111 |
| MCMURRY, PETER H.<br>MN 617 | 612/373-5647 |
| MCNAUGHTON, DANIEL J.<br>UT 1016 | 801/261-5660 |
| MCNEAL, BRIAN L.<br>WA 1085 | 509/335-3650 |
| MCNELIS, DAVID N.<br>NV 645 | 702/739-3382 |
| MCNICOL, DON<br>ONT 134 | 613/998-4693 |
| MCRAE, GREGORY J.<br>CA 299 | 213/356-6869 |
| MCWILLIAMS, P.G.<br>UK 1323 | 65201 |
| MEAGHER, JAMES F.<br>AL 214 | 205/386-2788 |
| MEGRAW, STAN R.<br>QUE 192 | 514/457-6810 |
| MEIWES, KARL-JOSEF<br>FRG 1150 | 0551-393505 |
| MELACK, JOHN MICHAEL<br>CA 300 | 805/961-3879 |
| MELKERUD, PER-ARNE<br>SWE 1291 | 018 10 20 00 |
| MELO, OCTAVIO T.<br>ONT 135 | 416/231-4111 |
| MENZ, FREDRIC C.<br>NY 761 | 315/268-6427 |
| MICHAEL, PAUL<br>NY 762 | 516/282-2264 |
| MIERLE, GREG<br>ONT 136 | 416/248-3058 |
| MIKSAD, RICHARD W.<br>TX 1011 | 512/471-5602 |
| MILLER, DAVID F.<br>NV 646 | 702/972-1676 |
| MILLER, HUGH G.<br>UK 1324 | 0224 38611 |
| MILLER, JOHN M.<br>MD 552 | 301/443-8276 |
| MILLER, JOSEPH E.<br>IL 474 | 815/972-4206 |
| MILLER, MORTON W.<br>NY 763 | 716/275-3634 |
| MILLER, PAUL R.<br>CA 301 | 714/787-3661 |
| MILLER, R. MICHAEL<br>IL 475 | 312/972-3395 |
| MILLIKEN, JOHN<br>NC 850 | |
| MILLS, K.H.<br>MAN 36 | 204/269-7379 |
| MISRA, P. K.<br>ONT 137 | 416/965-5068 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| MITCHELL, MYRON J.<br>NY 764 | 315/470-6765 |
| MOBLEY, DAVID<br>NC 851 | |
| MOBLEY, J. DAVID<br>NC 852 | 919/541-2578 |
| MOHN, ERIK<br>NOR 1225 | 46 69 30 |
| MOHNEN, VOLKER A.<br>NY 765 | 518/457-4604 |
| MOLDAN, BEDRICH<br>CZE 1138 | |
| MOORE, TIMOTHY R.<br>QUE 193 | 514/392-8245 |
| MOORHEAD, BRUCE B.<br>WA 1086 | 206/452-4501 |
| MORAWSKA-HORAWSKA, MARIA<br>POL 1260 | 257-68 |
| MOREAU, GUY<br>QUE 194 | 418/656-4023 |
| MORGAN, JAMES J.<br>CA 302 | 213/356-4394 |
| MORRIS, J. ROGER<br>DC 403 | 202/252-6453 |
| MORRIS, LAWRENCE<br>NC 853 | 919/737-3500 |
| MORRIS, THOMAS KEITH<br>OH 893 | 513/872-5780 |
| MORRISON, B.R.S.<br>UK 1325 | 2060 |
| MORRISON, IAN K.<br>ONT 138 | 705/949-9461 |
| MORRISON, RICHARD A.<br>AL 215 | 205/362-0206 |
| MOSELLO, ROSARIO<br>ITL 1188 | 0323 42445 |
| MOSS, DALE N.<br>OR 920 | 503/754-2821 |
| MOSS, WENDY<br>ONT 139 | 416/248-3008 |
| MOTOWICKA-TERELAK, TERESA<br>POL 1261 | 34-21 |
| MOUVIER, GERARD<br>FRN 1170 | 336 25 25 |
| MOVERS, JARVIS L.<br>AZ 231 | 602/626-3180 |
| MUELLER, PETER K.<br>CA 303 | 415/855-2586 |
| MUELLER, STEPHEN F.<br>AL 216 | 205/386-2788 |
| MULCHI, CHARLES L.<br>MD 553 | 301/454-3717 |
| MULLEN, JOHN K.<br>NY 766 | 315/268-6457 |
| MUNGER, JAMES WILLIAM<br>CA 304 | 213/356-4407 |
| MUNIZ, IVAR P<br>NOR 1226 | 46 68 00 |
| MUNN, R.E.<br>ONT 140 | 416/978-2997 |
| MUNSON, BARRY<br>ALB 11 | 403/427-6254 |
| MURPHY, CHARLES E.<br>SC 967 | 803/725-3497 |
| MURPHY, CHARLES H.<br>NJ 667 | 201/527-2518 |
| MURRI,ALFREDO<br>ITL 1189 | 0733-45483 |
| MUSCHETT, F. DOUGLAS<br>NY 767 | 315/492-4140 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| MUSSLEMAN, ROBERT C.<br>CA 305 | 714/787-4685 |
| MYRUP, LEONARD O.<br>CA 306 | 916/752-1406 |

# N

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| NAGOURNY, STUART<br>NY 768 | 212/620-3639 |
| NAKAS, JAMES P.<br>NY 769 | 315/470-6769 |
| NEELY, GRADY E.<br>OR 921 | 503/757-4638 |
| NEGUSANTI, JOHN J.<br>ONT 141 | 705/675-4501 |
| NELSON, LYLE E.<br>MS 630 | 601/325-2350 |
| NERO, REDWOOD WILLIAM<br>ONT 142 | 416/828-5304 |
| NEUMANN, HAROLD H.<br>ONT 143 | 416/667-4954 |
| NEWCOMBE, CHARLES PHILIP<br>B.C 24 | 604/387-1493 |
| NEWMAN, LEONARD<br>NY 770 | 516/282-4467 |
| NEWTON, ROBERT M.<br>MA 570 | 413/584-2700 |
| NGUYEN, BA CUONG<br>FRN 1171 | 09 07 78 28 |
| NICHOLAS, GEORGE W.<br>IL 476 | 312/297-6120 |
| NICHOLS, DALE S.<br>MN 618 | 218/326-8571 |
| NICHOLS, TOM<br>CA 307 | 209/565-3341 |
| NICHOLSON, I.A.<br>UK 1326 | |
| NICOLSON, JOHN A.<br>ONT 144 | 705/949-9461 |
| NIELSEN, DAVID G.<br>OH 894 | 216/264-2540 |
| NIEMANN, BRAND L.<br>VA 1052 | 703/281-5493 |
| NIKLEVA, STEPHEN<br>B.C 25 | 604/732-4809 |
| NILSSEN, JENS PETTER<br>NOR 1227 | 02-46 68 00 |
| NILSSON, INGVAR<br>SWE 1292 | 018 10 20 00 |
| NILSSON, JAN<br>SWE 1293 | 08 98 13 20 |
| NJOS, ARNOR<br>NOR 1228 | 02 940060 |
| NOBLE, REGINALD D.<br>OH 895 | 419/372-2332 |
| NODVIN, STEPHEN C.<br>CA 308 | 714/787-3654 |
| NOEL, THOMAS M.<br>NH 657 | 603/271-4573 |
| NOGGLE, J. C.<br>AL 217 | 205/386-2341 |
| NOMMIK, HANS<br>SWE 1294 | 018 10 20 00 |
| NORBY, RICHARD J.<br>TN 994 | 615/576-5261 |
| NORRIS, LOGAN A.<br>OR 922 | 503/752-6014 |
| NORTH, D. WARNER<br>CA 309 | 415/960-3450 |
| NORTON, STEPHEN A.<br>ME 527 | 207/581-7077 |
| NOVICK, NORMAN J.<br>NY 771 | 607/256-3268 |
| NUCCIOTTI, FRANCESCO<br>ITL 1190 | 051 23 61 84 |
| NUNGESSER, MARTHA K.<br>TN 995 | 615/574-7849 |

# O

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| O'NEILL, ROBERT V.<br>TN 996 | 615/574-7846 |
| ODEN, SVANTE<br>SWE 1295 | 018 10 20 00 |
| OGDEN, J. GORDON<br>N.S 66 | 902/424-2158 |
| OHLINE, R. WAYNE<br>NM 677 | 505/835-5523 |
| OKABE, HIDEO<br>DC 404 | 301/921-2719 |
| OKLAND, JAN<br>NOR 1229 | 02 46 6800 |
| OKLAND, KAREN ANNA<br>NOR 1230 | 02 466800 |
| OLEM, HARVEY<br>TN 997 | 615/751-7322 |
| OLSEN, OLE C.<br>CO 355 | 303/824-4441 |
| OLSON, MARVIN P.<br>ONT 145 | 416/667-4903 |
| OLSON, RICHARD J.<br>TN 998 | 615/574-7819 |
| OLSON, ROD<br>ALB 12 | |
| OLSZOWSKI, JANUSZ<br>POL 1262 | 512-547 |
| OMERNIK, JAMES M.<br>OR 923 | 503/757-4613 |
| OPPENEAU, JEAN-CLAUDE<br>FRN 1172 | 07 58 12 12 |
| ORDWAY, FRED<br>VA 1053 | 703/560-3292 |
| ORMROD, DOUGLAS P.<br>ONT 146 | 519/824-4120 |
| OSCARSON, HANS G.<br>SWE 1296 | |
| OTOOLE, JAMES J.<br>IA 505 | 515/294-2500 |
| OTTAR, BRYNJULF<br>NOR 1231 | 02 71 41 70 |
| OTTO, CHRISTIAN<br>SWE 1297 | 046 13 15 11 |
| OUELLET, MARCEL<br>QUE 195 | 418/657-2533 |
| OVERTON, JOHN H., JR<br>NC 854 | 919/549-0631 |
| OXLEY, JOSEPH H.<br>OH 896 | 614/424-7885 |
| OZBURN, GEORGE W.<br>ONT 147 | 807/345-2121 |

# P

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| PACK, DONALD H.<br>VA 1054 | 703/356-4233 |
| PACK, MERRILL R.<br>WA 1087 | 509/335-1526 |
| PACYNA, JOZEF MARIAN<br>POL 1263 | 679-165 |
| PAGE, ALBERT L.<br>CA 310 | 714/787-3654 |
| PAGE, THOMAS L.<br>WA 1088 | 509/375-2936 |
| PAGENKOPF, GORDEN K.<br>MT 639 | 406/994-4801 |
| PALMER, CRAIG J.<br>ALB 13 | 403/329-5322 |
| PALMER, WILLIAM D.<br>IL 477 | 312/269-2525 |
| PANKOW, JAMES F.<br>OR 924 | 503/645-1121 |
| PANKRATH, JURGEN<br>FRG 1151 | |
| PANTANI, FRANCESCO<br>ITL 1191 | 218389 |
| PAPAROZZI, ELLEN T.<br>NB 642 | 402/472-1129 |
| PARKHURST, WILLIAM J.<br>AL 218 | 205/386-2555 |
| PARSONS, DAVID J.<br>CA 311 | 209/565-3341 |
| PATERSON, I.A.<br>UK 1327 | |
| PATRINOS, ARISTIDES A.<br>NY 772 | 516/282-3911 |
| PATTON, ROY L.<br>OH 897 | 614/369-4471 |
| PAULY, JEAN PIERRE<br>FRN 1173 | 46 41 13 13 |
| PAW U, KYAW THA<br>IN 502 | 317/494-8103 |
| PEAKE, THADDEUS A.<br>GA 441 | 404/881-2864 |
| PECK, EUGENE L.<br>VA 1055 | 703/591-4373 |
| PEDEN, MARK E.<br>IL 478 | 217/333-8325 |
| PEDERSON, GARY L.<br>GA 442 | 404/221-3394 |
| PENDOWSKI, JAMES J.<br>IL 479 | 217/782-3362 |
| PENNELL, WILLIAM<br>DC 405 | 202/382-5989 |
| PENNSYLVANIA ACID PRECIP<br>PA 952 | 717/787-4310 |
| PERCY, KEVIN E.<br>N.B 45 | 506/452-3532 |
| PERHAC, RALPH M.<br>CA 312 | 415/855-2572 |
| PERRIGAN, SHELL<br>OR 925 | 503/754-2821 |
| PETERS, LEONARD K.<br>KY 510 | 606/258-4958 |
| PETERS, NORMAN E. (JAKE)<br>NY 773 | 518/472-2822 |
| PETERS, T. H.<br>ONT 148 | 705/682-4759 |
| PETERSON, RICHARD H.<br>N.B 46 | 506/529-8854 |
| PEVERLY, JOHN H.<br>NY 774 | 607/256-5457 |
| PFEIFFER, MARTIN H.<br>NY 775 | 518/891-1370 |
| PICHE, E. W.<br>ONT 149 | 416/965-2214 |
| PICKERING, KENNETH E.<br>MD 554 | 301/424-9133 |
| PIERCE, ROBERT S.<br>NH 658 | 603/868-5576 |
| PIERCE, RONALD C.<br>ONT 150 | 613/996-6542 |
| PINEL-ALLOUL, BERNADETTE<br>QUE 196 | 514/343-6792 |
| PIONKE, HARRY<br>PA 953 | 814/238-4976 |
| PITBLADO, J. ROGER<br>ONT 151 | 705/675-1151 |
| PITTS, JAMES N., JR<br>CA 313 | 714/787-4584 |
| PLAMONDON, ANDRE<br>QUE 197 | 418/656-7120 |
| PLANAS, DOLORS<br>QUE 198 | 514/282-3358 |
| POHLOT, PETER D.<br>IL 480 | 312/269-6636 |
| POINDEXTER, MONTE F.<br>MD 555 | 301/443-8276 |
| POIROT, RICHARD<br>VT 1030 | 802/828-3395 |
| POLLMAN, CURTIS D.<br>FL 425 | 904/372-3318 |
| POLLOCK, T. L.<br>N.B 47 | 506/388-6606 |
| POPOVIC, BUDIMIR<br>SWE 1298 | 018 10 20 00 |
| POPP, CARL J.<br>NM 678 | 505/835-5107 |
| POPPE, WAYNE L.<br>TN 999 | 615/751-7333 |
| PORCH, WILLIAM M.<br>CA 314 | 415/422-1831 |
| PORTELLI, RONALD V.<br>ONT 152 | 416/630-6331 |
| POWELL, C.J.<br>DC 406 | 301/921-2188 |
| POWERS, CHARLES F.<br>OR 926 | 503/757-4684 |
| PRATT, GREGORY C.<br>MN 619 | 612/373-2183 |
| PRATT, J. MICHAEL<br>NY 776 | 607/732-4951 |
| PRICE, BRIAN H.<br>VA 1056 | 703/827-2948 |
| PRICE, C. A.<br>UK 1328 | 09273 74040 |
| PSZENNY, ALEXANDER A.<br>RI 959 | 401/792-6765 |
| PUCKETT, K. J.<br>ONT 153 | |
| PUDYKIEWICZ, J.<br>QUE 199 | 514/683-7951 |
| PUESCHEL, RUDOLF F.<br>CO 356 | |
| PUTTA, SURG N.<br>NY 777 | 518/474-5363 |
| PUZAK, JOHN C.<br>NC 855 | 919/541-2188 |

## Q

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| QUINBY, HELEN L.<br>NY 778 | 516/282-3069 |

## R

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| RADDUM, GUNNAR GIHLE<br>NOR 1232 | 05 21 20 40 |
| RAGO, PAUL J.<br>MI 587 | 313/994-3331 |
| RAGSDALE, HARVEY L.<br>GA 443 | 404/329-4216 |
| RAHEL, FRANK J.<br>WI 1118 | 608/262-3087 |
| RAHN, KENNETH A.<br>RI 960 | 401/792-6261 |
| RAMBO, DANNY L.<br>OR 927 | 503/757-4695 |
| RAND, ROBERT E.<br>WI 1119 | 715/635-3735 |
| RAPP, GEORGE (RIP), JR<br>MN 620 | 218/726-7201 |
| RAUFER, ROGER K.<br>IL 481 | 312/323-4663 |
| RAUNEMAA, TAISTO<br>FIN 1162 | SF-650211 |
| RAYNAL, DUDLEY J.<br>NY 779 | 315/470-6782 |
| RAYNOR, GILBERT S.<br>NY 780 | 516/282-2268 |
| REDDY, MICHAEL M.<br>CO 357 | 303/234-3975 |
| REGIER, HENRY F.<br>ALB 14 | 403/329-5322 |
| REHFUESS, KARL EUGEN<br>FRG 1152 | 089/21803118 |
| REICH, PETER B.<br>NY 781 | |
| REID, J. D.<br>ONT 154 | 416/667-4789 |
| REID, NEVILLE W.<br>ONT 155 | 416/630-6331 |
| REIJNDERS, H.F.R.<br>NET 1198 | 030 742061 |
| REINERS, WILLIAM A.<br>NH 659 | 603/646-3272 |
| REINERT, RICHARD A.<br>NC 856 | 919/737-2751 |
| REISINGER, LAWRENCE M.<br>AL 219 | 205/386-2788 |
| REISS, NATHAN M.<br>NJ 668 | 201/932-9551 |
| REIST, PARKER C.<br>NC 857 | 919/966-1023 |
| REITER, ELMAR R.<br>CO 358 | 303/491-8555 |
| RENBERG, N. A. INGEMAR<br>SWE 1299 | 090 16 54 93 |
| RENGERT, DAVID H.<br>NY 782 | 315/343-2110 |
| RETZSCH, WALTER C.<br>MD 556 | 301/589-8837 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| REUSS, JOHN O.<br>AZ 232 | 602/745-0455 |
| RICHARDS, L. WILLARD<br>CA 315 | 707/527-9372 |
| RICHTER, DANIEL D.<br>TN 1000 | 615/576-4858 |
| RIDDER, T.B.<br>NET 1199 | 030 766911 |
| RIEGELHUTH, RICHARD<br>CA 316 | 209/372-4461 |
| RIEKER, H.<br>FL 426 | 904/392-4851 |
| RIEKERK, H.<br>FL 427 | 904/392-5420 |
| RIETVELD, HENK<br>ONT 156 | 705/789-9611 |
| RIGGAN, PHILLIP J.<br>CA 317 | 213/963-5936 |
| RIHA, SUSAN J.<br>NY 783 | 607/256-2287 |
| RIVERS, M. E.<br>ONT 157 | 819/997-1647 |
| ROBERSON, RALPH L.<br>NC 858 | 919/781-3150 |
| ROBERTSON, JOHN K.<br>NY 784 | 914/938-3739 |
| ROBINSON, ELMER<br>WA 1089 | 509/335-1526 |
| ROBITAILLE, GILLES<br>QUE 200 | 418/658-6945 |
| ROCHELLE, GARY T.<br>TX 1012 | 512/471-7230 |
| RODHE, HENNING<br>SWE 1300 | 08 15 01 60 |
| ROELOFS, J.G.M.<br>NET 1200 | 08850 558833 |
| ROGERS, HUGO H.<br>NC 859 | 919/737-3311 |
| ROLFE, GARY L.<br>IL 482 | 217/333-2770 |
| ROSENBERG, HARVEY S.<br>OH 898 | 614/424-5010 |
| ROSENCRANZ, ARMIN<br>CA 318 | 415/669-1122 |
| ROSENDAHL, PETER C.<br>FL 428 | 305/245-5266 |
| ROSENTHAL, ROBERT<br>DC 407 | 202/382-5600 |
| ROSS, DAVID<br>CA 319 | 415/859-2430 |
| ROSS, R. K.<br>CNT 158 | 613/998-4693 |
| ROSS, WILLIAM D.<br>OH 899 | 513/268-3411 |
| ROSSELAND, BJORN OLAV<br>NOR 1233 | 02 941060 |
| ROTHSCHILD, HENRI<br>ONT 159 | 61 3/992-9924 |
| RUANE, RICHARD J.<br>TN 1001 | 615/751-7323 |
| RUDD, JOHN W. M.<br>MAN 37 | 204/269-7379 |
| RUDOLPH, R. NEIL<br>CO 359 | 303/589-7011 |
| RUNDEL, PHILIP W.<br>CA 320 | 213/825-8729 |
| RUSSELL, ARMISTEAD G.<br>CA 321 | 213/356-6891 |
| RYAN, PATRICK M.<br>NFL 52 | 709/772-4491 |

## S

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| SABEAN, BARRY<br>N.S 67 | 902/678-8921 |
| SADLER, KEITH<br>UK 1329 | 0602 830591 |
| SAKIYAMA, STEVEN K.<br>ALB 15 | 403/427-5893 |
| SAMSON, PERRY J.<br>MI 588 | 313/764-3335 |
| SANDHU, H. S.<br>ALB 16 | 403/422-2071 |
| SARAZIN, GERARD<br>FRN 1174 | 16 76 425872 |
| SATU, HUTTUNEN<br>FIN 1163 | 81-18 199 |
| SAUNDERS, PETER J.W.<br>UK 1330 | 0793 40101 |
| SCHAIRER, LLOYD A.<br>NY 785 | 516/282-3381 |
| SCHAUG, JAN<br>NOR 1234 | 02 714170 |
| SCHEIDER, W. A.<br>ONT 160 | 416/248-3085 |
| SCHELL, CARROLL J.<br>ME 528 | 207/288-3338 |
| SCHERBATSKOY, TIM<br>VT 1031 | 802/656-2930 |
| SCHERT, JOHN D.<br>FL 429 | 904/372-3318 |
| SCHIER, GEORGE A.<br>OH 900 | 614/369-4471 |
| SCHIERMEIER, FRANCIS A.<br>NC 860 | 919/541-4551 |
| SCHNICK, ROSALIE A.<br>WI 1120 | |
| SCHNOOR, JERALD L.<br>IA 506 | 319/353-7262 |
| SCHOCK, MARTIN<br>ND 877 | 701/224-2348 |
| SCHOFIELD, CARL L.<br>NY 786 | 607/256-2001 |
| SCHOTT, JOHN R.<br>NY 787 | 716/475-2783 |
| SCHRECK, CARL B.<br>OR 928 | 503/754-4531 |
| SCHREIBER, RICHARD KENT<br>WV 1100 | 304/725-2061 |
| SCHRODER, LEROY J.<br>CO 360 | 303/234-3975 |
| SCHROEDER, ROY A.<br>CA 322 | 714/831-4232 |
| SCHUBERT, JAMES F.<br>SC 968 | 803/725-3280 |
| SCHUBERT, JEFFREY P.<br>IL 483 | 312/972-3416 |
| SCHWARTZ, STEPHEN E.<br>NY 788 | 516/282-3100 |
| SCHWENGELS, PAUL<br>DC 408 | 202/382-5600 |
| SCOTT, JON T.<br>NY 789 | 518/457-3993 |
| SCOTT, MATTHEW<br>ME 529 | 207/289-2591 |
| SCRUTON, DAVID A.<br>NFL 53 | 709/772-4485 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| SEERY, DANIEL J.<br>CT 368 | 203/727-7150 |
| SEIM, WAYNE K.<br>OR 929 | 503/754-3503 |
| SEINFELD, JOHN H<br>CA 323 | 213/356-4635 |
| SEIP, HANS M<br>NOR 1235 | 02 695880 |
| SELIGA, THOMAS A.<br>OH 901 | 614/422-0764 |
| SEMB, ARNE<br>NOR 1236 | |
| SEMONIN, RICHARD G.<br>IL 484 | 217/333-4967 |
| SEQUEIRA, RONALD<br>FL 430 | 813/637-7563 |
| SEYMOUR, MICHAEL D.<br>MI 589 | 616/392-5111 |
| SHAFER, STEVEN R.<br>NC 861 | 919/737-2753 |
| SHANER, STEPHEN W.<br>CA 324 | 916/752-0453 |
| SHANNON, JACK D.<br>IL 485 | 312/972-5807 |
| SHARPE, WILLIAM E.<br>PA 954 | 814/863-0291 |
| SHAW, GEORGE G.<br>ALB 17 | 403/435-7355 |
| SHAW, GLENN E.<br>AK 223 | 907/474-7625 |
| SHAW, HENRY<br>NJ 669 | 201/765-3709 |
| SHAW, RODERICK W.<br>N.S 68 | 902/426-6132 |
| SHEARER, JOHN A.<br>MAN 38 | 204/269-7379 |
| SHEPPARD, JOHN C.<br>WA 1090 | 509/335-4731 |
| SHEWCHUK, S.R.<br>SAS 208 | 306/664-5437 |
| SHILTS, WILLIAM W.<br>ONT 161 | 613/995-4523 |
| SHRINER, DAVID S.<br>TN 1002 | 615/574-7356 |
| SIBUL, U.<br>ONT 162 | 416/965-6995 |
| SICCAMA, THOMAS G.<br>CT 369 | 203/436-0020 |
| SICKLES, JOSEPH E.<br>NC 862 | 919/541-6903 |
| SIEGEL, STANLEY<br>IL 486 | 312/972-4347 |
| SIEGER, JACK<br>DC 409 | 202/252-6452 |
| SIMON, JAMES E.<br>MA 571 | 413/545-2347 |
| SIMS, H. P.<br>ALB 18 | 403/427-5815 |
| SINCLAIR, E. J.<br>MAN 39 | 204/677-5231 |
| SINGER, ROBERT<br>NY 790 | 315/824-1000 |
| SINGH, BAL RAM<br>NOR 1237 | 94 00 60 |
| SISTERSON, DOUGLAS L.<br>IL 487 | 312/972-5836 |
| SKALEY, JAMES E.<br>NY 791 | 607/256-2014 |
| SKARBY, LENA<br>SWE 1301 | 031 81 02 80 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| SKARTVEIT, ARVID<br>NOR 1238 | 05 212040 |
| SKEFFINGTON, RICHARD<br>UK 1331 | 0372 374488 |
| SKELLY, JOHN M.<br>PA 955 | 814/865-7448 |
| SLATER, MICHAEL<br>IL 488 | 217/333-3936 |
| SLAUGHTER, C. W.<br>AK 224 | 907/474-7443 |
| SMALL, MITCHELL J.<br>PA 956 | 412/578-8782 |
| SMITH, BRANT E.<br>VA 1057 | 703/827-2964 |
| SMITH, C. TATTERSALL<br>ME 530 | 207/581-7273 |
| SMITH, HAROLD J.<br>AZ 233 | 602/387-6849 |
| SMITH, JAMES LEWIS<br>NM 679 | 505/835-5928 |
| SMITH, LOWELL<br>DC 410 | 202/382-2576 |
| SMITH, OWEN I.<br>CA 325 | 213/825-2125 |
| SMITH, WILLIAM H.<br>CT 370 | 203/436-0440 |
| SMITH, WILLIAM H.<br>WI 1121 | 715/635-2101 |
| SODERGREN, ANDERS<br>SWE 1302 | 046 10 70 00 |
| SPARKS, DONALD L.<br>DE 373 | 302/738-2531 |
| SPAVOLD, ALEXANDRA JANE<br>N.B 48 | 506/453-2669 |
| SPICER, CHESTER W.<br>OH 902 | 614/424-5319 |
| SPICER, LEONARD D.<br>UT 1017 | 801/581-7487 |
| SPRINGER, KARL J.<br>TX 1013 | 512/684-5111 |
| STANLEY, JON G.<br>ME 531 | 207/581-7151 |
| STEDMAN, DONALD H.<br>MI 590 | 313/763-6239 |
| STEELE, KENNETH F.<br>AR 236 | 501/575-3410 |
| STEIN, ROBERT E.<br>ONT 163 | 613/232-2244 |
| STEIN, ROBERT E.<br>DC 411 | 202/457-0457 |
| STENSLAND, GARY J.<br>IL 489 | 217/333-2213 |
| STENSON, J.A.E.<br>SWE 1303 | 031 41 08 00 |
| STEPHENS, KEN JR.<br>NM 680 | 505/672-3861 |
| STEPHENSON, GORDON R.<br>ID 451 | 208/334-1363 |
| STEVENS, DAVID R.<br>CO 361 | 303/586-2371 |
| STEVENS, NICHOLAS J.<br>NJ 670 | 201/685-4887 |
| STEVENS, R. D. SAMUEL<br>ONT 164 | 416/630-6331 |
| STEVENS, ROBERT K.<br>NC 863 | 919/541-3156 |
| STICKSEL, PHILIP R.<br>OH 903 | 614/424-4757 |
| STILL, MALCOLM E.<br>ONT 165 | |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| STOCKHAM, JOHN<br>IL 490 | 312/567-4299 |
| STOKES, PAMELA<br>ONT 166 | 416/978-6526 |
| STOTTLEMYER, ROBERT<br>MI 591 | 906/487-2478 |
| STRAND, LARS<br>NOR 1239 | 02 941160 |
| STREETS, DAVID G.<br>IL 491 | 312/972-3448 |
| STREIT, GERALD E.<br>NM 681 | 505/667-4686 |
| STROMBORG, KENNETH L.<br>MD 557 | 301/776-4880 |
| STUANES, ARNE O.<br>NOR 1240 | 02 941160 |
| STUKEL, JAMES<br>IL 492 | 217/333-8861 |
| STWORZEWICZ, TOMASZ<br>POL 1264 | 363-77 |
| SULLIVAN, RALPH J.<br>CA 326 | 213/787-7380 |
| SUMMER, PETER W.<br>ONT 167 | 416/667-4796 |
| SURGAN, MICHAEL<br>NY 792 | 212/488-5501 |
| SWAIN, L. G.<br>B.C 26 | 604/387-6387 |
| SWANK, WAYNE T.<br>NC 864 | 704/524-2128 |
| SWIFT, LLOYD W., JR.<br>NC 865 | 704/524-2128 |
| SZABO, MICHAEL F.<br>OH 904 | 513/782-4700 |

## T

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| TABATABAI, M. ALI<br>IA 507 | 515/294-4273 |
| TABOR, CHRISTOPHER A.<br>VT 1032 | 802/951-6771 |
| TAKACS, JOHN F.<br>MA 572 | 617/262-3200 |
| TAMM, CARL OLOF<br>SWE 1304 | 08 10 20 00 |
| TANG, AL<br>ONT 168 | 416/965-1634 |
| TANNER, ROGER L.<br>NY 793 | 516/282-3578 |
| TARSHIS, BARRY I.<br>MD 558 | 301/776-4880 |
| TARTARI, GIANNI<br>ITL 1192 | 0323 42445 |
| TAYLOR, FLOYD B.<br>MA 573 | 617/329-9650 |
| TAYLOR, FRED G.<br>TN 1003 | 615/574-7354 |
| TEASLEY, JOHN I.<br>MN 621 | 218/727-6692 |
| TEBALDI, G.<br>ITL 1193 | 02-717751 |
| TESSIER, ANDRE<br>QUE 201 | 418/657-2528 |
| THOITS, CHARLES F.<br>NH 660 | 603/271-2501 |
| THOMPSON, C. RAY<br>CA 327 | 714/787-5131 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| THOMPSON, LYELL F.<br>AR 237 | 501/575-2355 |
| THOMPSON, MARY E.<br>ONT 169 | 416/637-4513 |
| THOMSON, BRUCE<br>ALB 19 | 403/437-1250 |
| THORALF, ROSENQVIST IVAN<br>NOR 1241 | 02 466800 |
| THORNTON, J. DAVID<br>MN 622 | 612/296-7219 |
| TIEDEMANN, ARTHUR R.<br>UT 1018 | 801/377-5717 |
| TIRPAK, DENNIS<br>NY 794 | |
| TISUE, THOMAS<br>SC 969 | 803/656-2339 |
| TITUS, JOHN E.<br>NY 795 | 607/798-6538 |
| TOLLAN, ARNE<br>NOR 1242 | 472 23 52 80 |
| TOMKOWSKI, ANTHONY C.<br>WV 1101 | 304/293-3411 |
| TOMMERDAHL, JAMES B.<br>NC 866 | 919/541-6884 |
| TONNESSEN, KATHY A.<br>CA 328 | 415/486-5865 |
| TOPOL, LEO E.<br>CA 329 | 805/498-6771 |
| TORQUATO, CAMILLE<br>NY 796 | 212/620-3644 |
| TOWNE, RONALD E.<br>NH 661 | 603/271-3503 |
| TRAAEN, TOR S.<br>NOR 1243 | 02 23 52 80 |
| TRESHOW, MICHAEL<br>UT 1019 | 801/581-7160 |
| TRIJONIS, JOHN<br>NM 682 | 505/983-6568 |
| TROEDSSON, TRYGGVE<br>SWE 1305 | 018 10 20 00 |
| TROIANO, JOHN<br>NY 797 | 607/257-2030 |
| TROUT, DENNIS A.<br>IL 493 | 312/353-2207 |
| TROUTMAN, DAVID E.<br>FL 431 | 904/386-1118 |
| TSCHIRHURT, JOHN T.<br>WY 1131 | 307/766-2253 |
| TUKEY, H.B.<br>WA 1091 | 206/543-8616 |
| TUOVINEN, OLLI H.<br>OH 905 | 614/422-3379 |
| TURK, JOHN T.<br>CO 362 | 303/234-3487 |
| TVEITE, BJORN<br>NOR 1244 | 02 94 11 60 |
| TWAROSKI, CLIFFORD J.<br>MN 623 | 612/296-7285 |
| TYREE, S. Y., JR.<br>VA 1058 | 804/254-4668 |

## U

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| ULRICH, BERNHARD<br>FRG 1153 | |
| UMAN, MYRON F.<br>DC 412 | 202/334-3060 |
| UNDERWOOD, JOHN K.<br>N.S 69 | 902/424-5300 |
| UNSWORTH, M. H.<br>UK 1332 | 031 445 4343 |
| URBAN, CHARLES M.<br>TX 1014 | 512/684-5111 |
| URIE, DEAN H.<br>MI 592 | 517/355-7740 |
| URSIC, STANLEY J.<br>MS 631 | 601/234-2744 |
| UUTALA, ALLEN J.<br>NY 798 | 315/470-6765 |

## V

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| VAN BREEMEN, NICO<br>NET 1201 | 08370 82424 |
| VAN DAM, HERMAN<br>NET 1202 | 03434 2941 |
| VAN DOBBEN, H.F.<br>NET 1203 | 03434 2G41 |
| VAN HAM, J.<br>NET 1204 | 15 569330 |
| VAN HORN, ANDREW J.<br>CA 330 | 415/845-5200 |
| VANDE KOPPLE, ROBERT J.<br>MI 593 | 616/539-8406 |
| VANDERBORGHT, O.L.J.<br>BEL 1135 | 014/311801 |
| VANGENECHTEN, J.H.D.<br>BEL 1136 | 014/311801 |
| VARHELYI, GABRIELLA<br>HUN 1176 | 585 711 |
| VASUDEVAN, CHITHBABU<br>NY 799 | 518/270-6367 |
| VAUGHAN, HAGUE H.<br>N.S 70 | 902/424-5300 |
| VAUGHAN, WILLIAM M.<br>MT 640 | 314/863-6381 |
| VENA, FRANK<br>ONT 170 | 819/997-3352 |
| VENKATRAM, AKULA<br>MA 574 | 617/369-8910 |
| VENMA, SHASKI B.<br>NB 643 | 402/472-3679 |
| VERRY, ELON S.<br>MN 624 | 218/326-6120 |
| VERRY, ELON S.<br>MN 625 | 218/326-8571 |
| VERTUCCI, FRANK A.<br>NY 800 | 607/256-3498 |
| VET, ROBERT J.<br>ONT 171 | 416/630-6331 |
| VIDULICH, GEORGE A.<br>MA 575 | 617/793-3376 |
| VIEBROCK, HERBERT<br>NC 867 | 919/541-4541 |
| VIJAYAKUNIAR, R.<br>CA 331 | 805/498-6771 |
| VILLARD, SERGE<br>ONT 172 | 416/248-3512 |
| VIOLETTE, DANIEL M.<br>CO 363 | 303/449-5515 |
| VITOLS, VAL<br>NOR 1245 | 02 71 41 70 |
| VOGELMANN, H. W.<br>VT 1033 | 802/656-2930 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| VOGT, KRISTIINA A.<br>WA 1092 | 206/543-2757 |
| VOLDNER, EVA C.<br>ONT 173 | 416/667-4801 |
| VOLK, BOB G.<br>FL 432 | 904/392-1951 |
| VOZZO, STEVEN F.<br>NC 868 | 919/737-3520 |
| VROOMAN, DAVID H.<br>NY 801 | 315/379-6426 |

## W

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| WAGNER, GEORGE H.<br>AR 238 | 501/575-3355 |
| WAGNER, WILLIAM<br>UT 1020 | 801/524-4033 |
| WALCZEWSKI, JACEK<br>POL 1265 | 141-89 |
| WALKER, JERRY T.<br>GA 444 | 404/228-7202 |
| WALLOE, LARS<br>NOR 1246 | 46 68 00 |
| WANG, C. J. K.<br>NY 802 | 315/470-6791 |
| WARBURTON, JOSEPH A.<br>NV 647 | 702/972-1676 |
| WARNER, RICHARD M.<br>ONT 174 | |
| WARNICK, WALT<br>DC 413 | |
| WATSON, MAURICE E.<br>OH 906 | 216/264-1139 |
| WATT, WALTON D.<br>N.S 71 | 902/426-3606 |
| WEAVER, GEORGE T.<br>IL 494 | 618/453-3341 |
| WEBER, DAVID E.<br>DC 414 | 202/382-5982 |
| WEBSTER, DWIGHT A.<br>NY 803 | 607/256-6578 |
| WEBSTER, KATHERINE E.<br>WI 1122 | 715/362-7616 |
| WEIDENSAUL, T. CRAIG<br>OH 907 | 216/264-1021 |
| WEINBAUER, JAMES D.<br>WI 1123 | 715/422-3697 |
| WEINER, GARY S.<br>OR 930 | 503/754-4531 |
| WEINSTEIN, LEONARD H.<br>NY 804 | 607/257-2030 |
| WEISMAN, BORIS<br>ONT 175 | |
| WELCH, EUGENE B.<br>WA 1093 | 206/543-2632 |
| WELLS, CAROL G.<br>NC 869 | 919/541-4215 |
| WESELY, MARY L.<br>IL 495 | 312/972-5827 |
| WESTMAN, LARS<br>SWE 1306 | 090 16 54 93 |
| WETZEL, ROBERT G.<br>MI 594 | 616/671-5117 |
| WHEELER, LAURIN<br>AR 239 | 501/575-2603 |
| WHELPDALE, DOUGLAS M.<br>ONT 176 | 416/667-4903 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| WHITBY, KENNETH T.<br>MN 626 | 612/373-3049 |
| WHITLOW, SIMON<br>ONT 177 | 819/997-3422 |
| WHITTIG, LYNN D.<br>CA 332 | 916/752-7008 |
| WIEBE, ALLAN<br>ONT 178 | 416/667-4797 |
| WIENER, JAMES G.<br>WI 1124 | 608/783-6451 |
| WILDING, LARRY P.<br>TX 1015 | 713/845-3604 |
| WILHOUR, RAYMOND G.<br>OR 931 | 503/757-4634 |
| WILLIAMS, WAYNE T.<br>CA 333 | 707/762-6035 |
| WILSON, H. WILLIAM<br>WA 1094 | 206/676-3137 |
| WILSON, JAMES CHARLES<br>MN 627 | 612/373-5843 |
| WILSON, JERRE W.<br>NY 805 | 914/938-3739 |
| WILSON, R.G.<br>B.C 27 | 604/387-1511 |
| WILSON, STEPHEN O.<br>NY 806 | 518/861-8020 |
| WILSON, WILLIAM E.<br>NC 870 | 919/541-2551 |
| WINCHESTER, JOHN W.<br>FL 433 | 904/644-6700 |
| WINER, ARTHUR M.<br>CA 334 | 714/787-4651 |
| WINGER, PARLEY V.<br>GA 445 | 404/546-2146 |
| WINNER, WILLIAM E.<br>VA 1059 | 703/961-6763 |
| WINNICK, JACK<br>GA 446 | 404/894-2839 |
| WISNIEWSKI, JOE<br>VA 1060 | 703/893-5900 |
| WITHERSPOON, A. M. (GUS)<br>NC 871 | 919/737-3345 |
| WOLFF, GEORGE T.<br>MI 595 | 313/575-3489 |
| WOLFINGER, THOMAS F.<br>VA 1061 | 703/827-2961 |
| WOLT, JEFFREY D.<br>TN 1004 | 615/974-7161 |
| WOLTZ, SHREVE S.<br>FL 434 | 813/755-1568 |
| WONG, BETTY L.<br>VT 1034 | 802/951-6771 |
| WOOLDRIDGE, GENE L.<br>UT 1021 | 801/750-2178 |
| WORK, MICHAEL<br>CA 335 | 415/974-8221 |
| WOTTON, DAVE<br>MAN 40 | 204/895-5311 |
| WRIGHT, RICHARD F.<br>NOR 1247 | 472 23 52 80 |
| WROBEL, STANISLAW<br>POL 1266 | 161-44 |

## Y

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| YAN, NORMAN D.<br>ONT 179 | 416/248-3058 |

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| YANG, YAW-SHING<br>VA 1062 | 703/961-6530 |
| YANSSON, PER-ERIK<br>SWE 1307 | 018 10 20 00 |
| YARBOROUGH, KEITH A.<br>NM 683 | 505/988-6412 |
| YAWNEY, HARRY W.<br>VT 1035 | 802/951-6771 |
| YI-HUI, HAUNG<br>MI 596 | 517/788-1931 |
| YOUNG, JAMES R.<br>CA 336 | 805/497-0821 |
| YOUNG, JAMES W.S.<br>ONT 180 | 416/667-4610 |
| YOUNG, MICHAEL<br>ONT 181 | 416/248-3008 |
| YOUNG, RICHARD C.<br>AL 220 | 205/386-2067 |
| YOUNG, THOMAS C.<br>NY 807 | 315/268-4430 |

## Z

| NAME / REFERENCE NUMBER | TELEPHONE |
|---|---|
| ZASOSKI, ROBERT J.<br>WA 1095 | 206/543-2757 |
| ZAVODSKY, DUSAN<br>CZE 1139 | 466-96 |
| ZELLER, KARL<br>CO 364 | 303/493-8878 |
| ZISCHKE, JAMES A.<br>MN 628 | 507/663-3397 |
| ZURBUCH, PETER E.<br>WV 1102 | 304/636-1767 |
| ZWOLINSKI, JOZEF<br>POL 1267 | 512-542 |